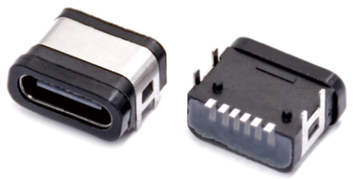
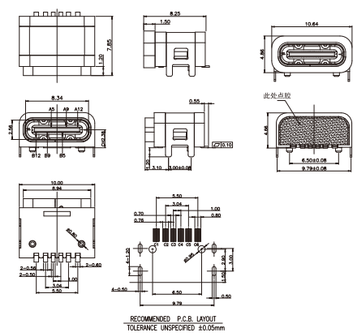
Goldconn®

USB TYPE-C WATERPROOF SERIES

6PIN TOP-MOUNT, CH=2.38mm, L*W*H=7.85*10.0*4.66mm, SOLDER TAB=1.2mm, WATERPROOF IP67

CFW06-005-D4





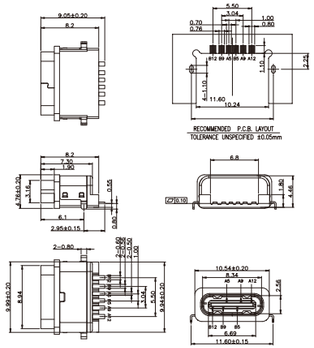
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

6PIN MID-MOUNT SINK 0.55mm, CH=1.68mm, L*W*H=8.2*10.54*4.76mm, TWO SOLDER TAB=0.8mm, WATERPROOF IP67

CF120-06-99



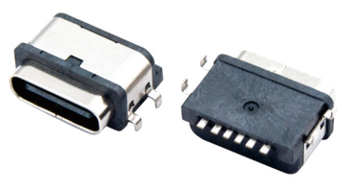


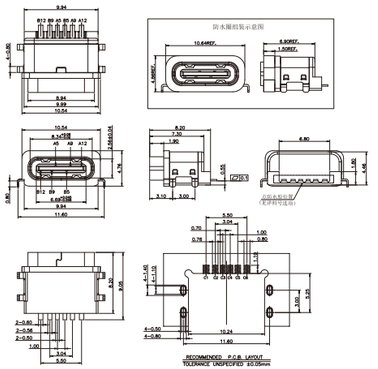
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

6PIN MID-MOUNT SINK 0.55mm, CH=1.68mm, L*W*H=8.2*10.54*4.76mm, FOUR SOLDER TAB=0.8mm, WATERPROOF IP67

CF306-003-02





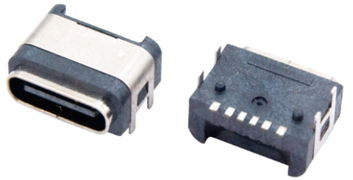
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

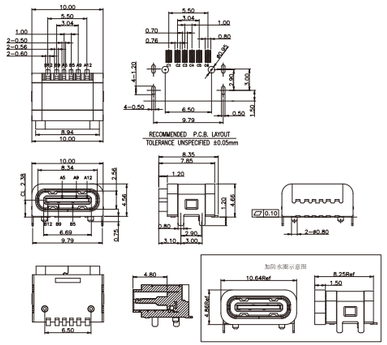
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

USB TYPE-C WATERPROOF SERIES

6PIN TOP-MOUNT, SMT, CH=2.38mm, L*W*H=7.85*10.0*4.66mm, FOUR SOLDER TAB=1.2mm, WATERPROOF IP67

CF158-06-99



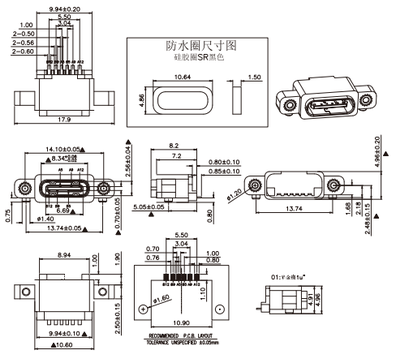


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

6PIN MID-MOUNT SINK 0.80mm, WITH SCREW HOLE HOUSING, CH=1.68mm, L*W*H=8.2*17.9*4.96mm, WATERPROOF IP67

CF119-06-99



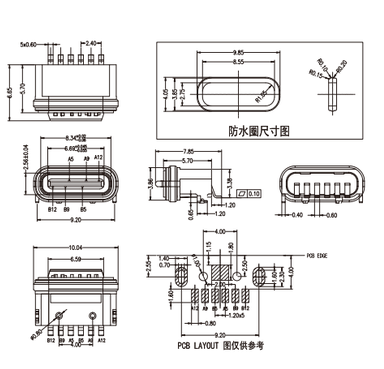
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

6PIN TOP-MOUNT, SMT, CH=1.64mm, L*W*H=6.65*9.6*3.38mm, SOLDER TAB=0.65mm, WATERPROOF IP67

CF196-06-22





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

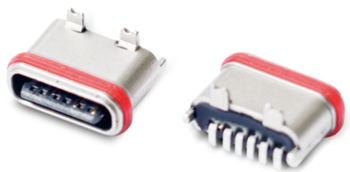
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

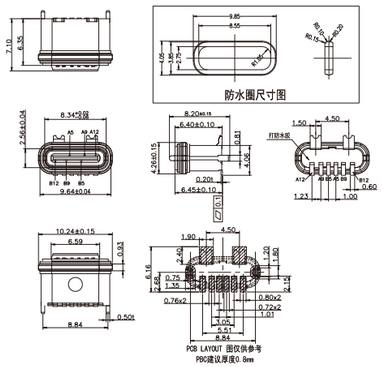
Goldconn®

USB TYPE-C WATERPROOF SERIES

6PIN VERTICAL, SMT, L*W*H=7.1*9.34*3.46mm, SOLDER TAB=1.0mm, WATERPROOF IP67

CF197-06-22





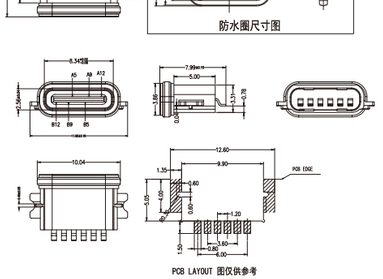
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

6PIN MID-MOUNT, SINK 0.80mm, SMT, CH=0.8mm, L*W*H=6.7*9.30*3.31mm, SOLDER TAB=0.65mm, WATERPROOF IP67

CF198-06-22



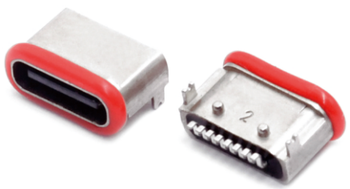


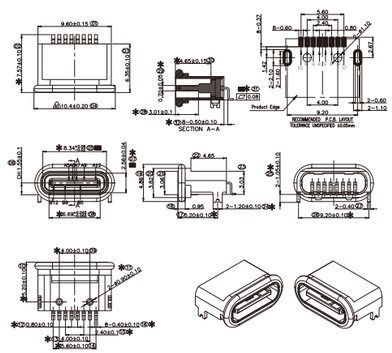
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

8PIN TOP-MOUNT, SMT, CH=1.55mm, L*W*H=6.35*9.6*3.82mm, SOLDER TAB=1.05mm, WATERPROOF IP67

WCF08001





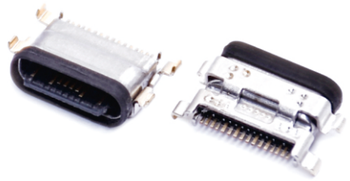
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

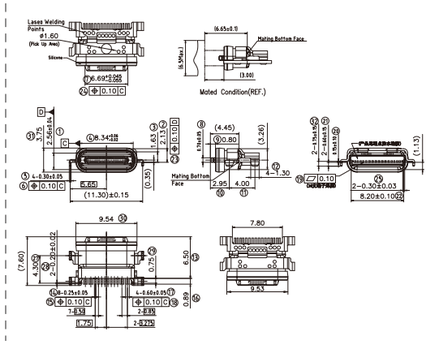
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	-	-
A5	CC1	-	-
A6	Dp1	B9	VBUS
A7	Dn1	B5	CC2
A12	GND	B4	VBUS

USB TYPE-C WATERPROOF SERIES

16PIN MID-MOUNT SINK 1.13mm, EXPOSED TONGUE, CH=0.35mm, L*W*H=7.6*9.4*3.26mm, SOLDER TAB=0.65mm, WATERPROOF IP67

CF190-16-G7





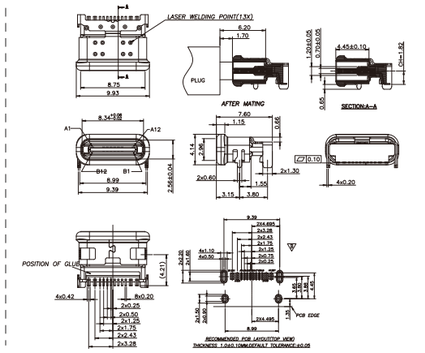
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

16PIN TOP-MOUNT, SMT, CH=1.82mm, L*W*H=7.6*9.19*3.4mm, SOLDER TAB=0.65mm, WATERPROOF IP67

CFW16-007-01



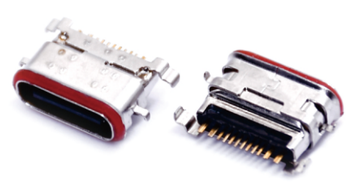


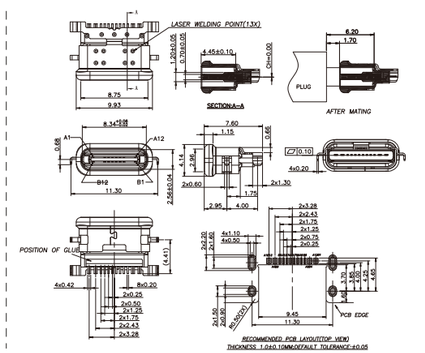
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

16PIN MID-MOUNT, SINK 2.38mm, CH=0mm, L*W*H=7.6*9.19*3.4mm, SOLDER TAB=0.68mm, WATERPROOF IP67

CFW16-009-01





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

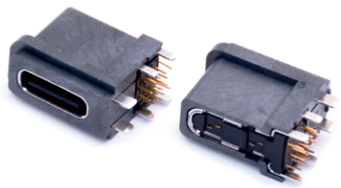
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

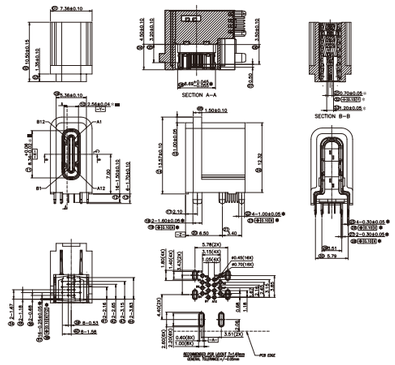
Goldconn®

USB TYPE-C WATERPROOF SERIES

16PIN UPRIGHT, DIP, CH=7.0mm, L*W*H=10.5*7.36*13.57mm, DIP LENGTH=1.7mm, WATERPROOF IP45

CF272-16-68





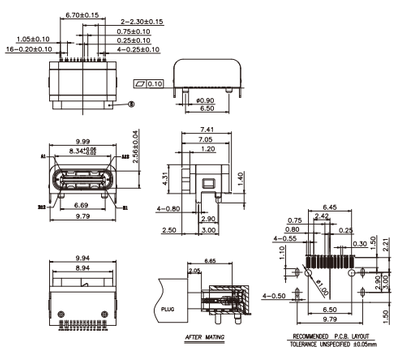
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

16PIN TOP-MOUNT, SMT, CH=2.08mm, L*W*H=7.05*9.99*4.31mm, SOLDER TAB=1.4mm, WATERPROOF IP45

CF248-16-99





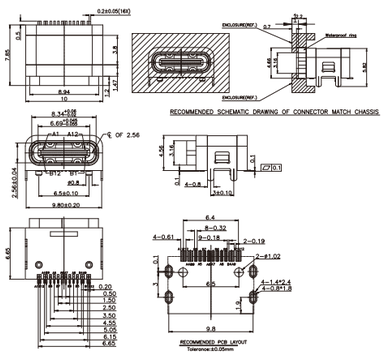
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

16PIN TOP-MOUNT, SMT, CH=2.38mm, L*W*H=7.85*10.0*4.56mm, SOLDER TAB=1.2mm, WATERPROOF IP67

CF248-16-D4





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

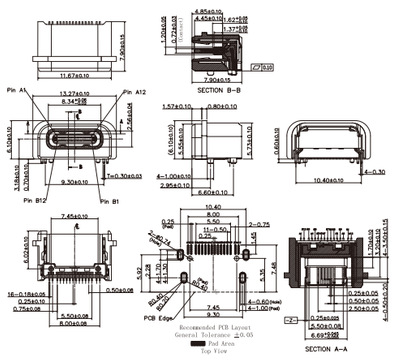
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

USB TYPE-C WATERPROOF SERIES

16PIN TOP-MOUNT, SMT, CH=3.18mm, L*W*H=7.9*13.27*6.1mm, SOLDER TAB=0.6mm, WATERPROOF IP45

CF115-16-68



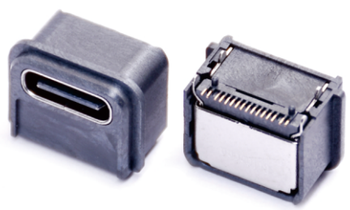


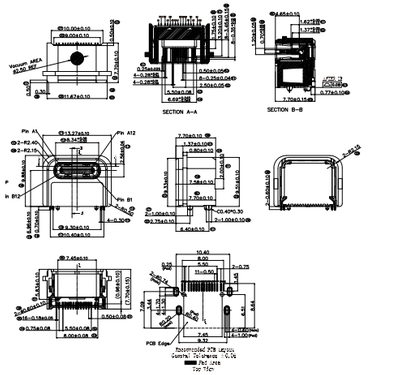
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

16PIN TOP-MOUNT, SMT, CH=6.96mm, L*W*H=7.7*13.27*9.88mm, SOLDER TAB=0.6mm, WATERPROOF IP45

CFW16-001-68





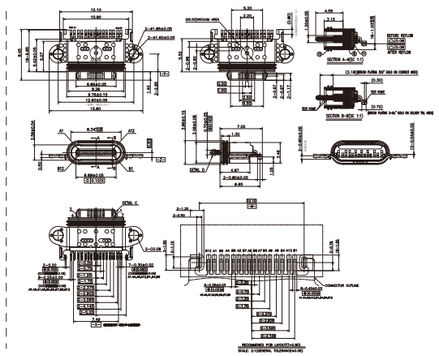
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

16PIN MID-MOUNT SINK 1.05mm, EXPOSED TONGUE, WITH SCREW HOLE COVER, CH=0.78mm, L*W*H=8.47*12.1*3.46mm, SOLDER TAB=0.4mm, WATERPROOF IP67

CF292-16-F5





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

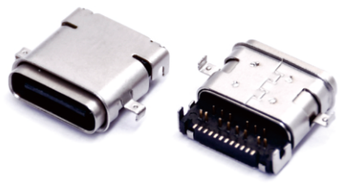
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

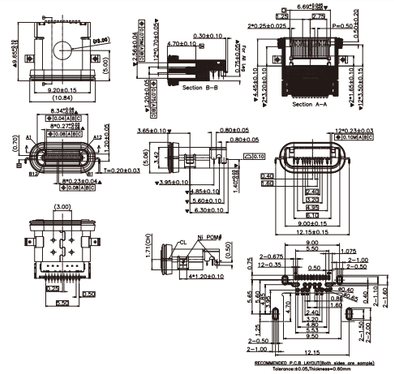
Goldconn®

USB TYPE-C WATERPROOF SERIES

24PIN MID-MOUNT SINK 1.4mm, DIP+SMT, CH=0.30mm, L*W*H=9.65*9.20*4.02mm, SOLDER TAB=0.65mm, WATERPROOF IP67

CF053-24-A4





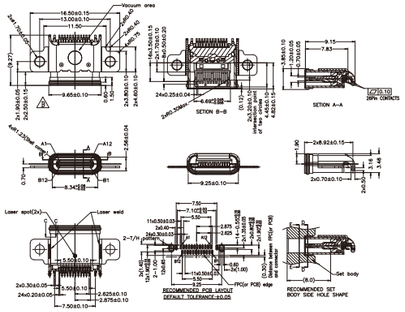
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT SINK 0.88mm, DUAL ROW SMT, CH=0.70mm, L*W*H=9.27*16.5*9.66mm, SOLDER TAB=0.50mm, WATERPROOF IP68

CF247-24-C3





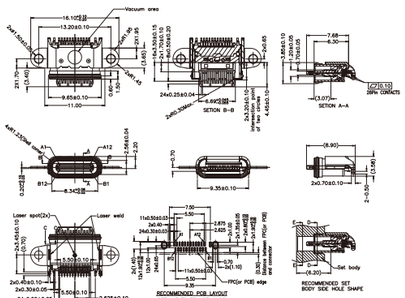
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT SINK 0.88mm, DUAL ROW SMT, CH=0.70mm, L*W*H=7.52*16.1*9.86mm, SOLDER TAB=0.50mm, WATERPROOF IP68

CF246-24-C3





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

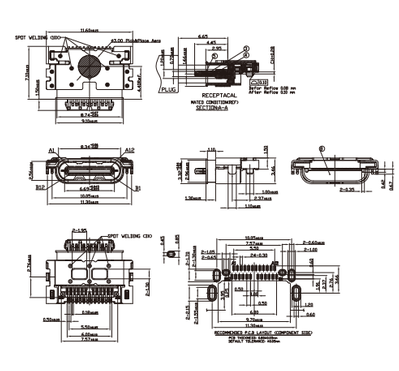
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C WATERPROOF SERIES

24PIN MID-MOUNT SINK 1.96mm, DUAL ROW SMT, CH=0.28mm, L*W*H=7.7*11.6*3.46mm, SOLDER TAB=0.67mm, WATERPROOF IP67

CF324-003-F8





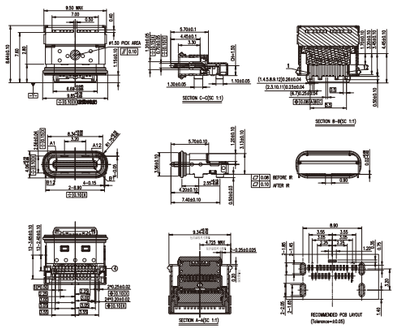
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN TOP-MOUNT DUAL ROW SMT, CH=1.5mm, L*W*H=8.64*9.5*3.13mm, SOLDER TAB=0.50mm, WATERPROOF IP67

CFW24-001-D4





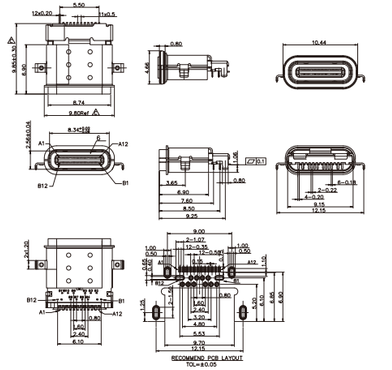
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT SINK 1.06mm, DIP+SMT, CH=0.65mm, L*W*H=9.85*9.35*3.42mm, SOLDER TAB=0.75mm, WATERPROOF IP67

CF140-24-22





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

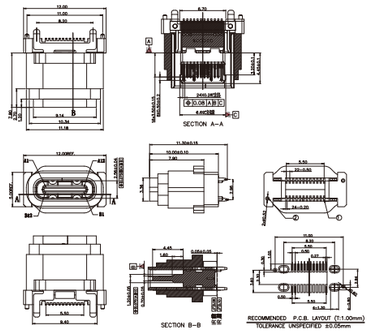
Goldconn®

USB TYPE-C WATERPROOF SERIES

24PIN VERTICAL, DUAL ROW SMT, L*W*H=10.0*12.0*5.0mm, SOLDER TAB=1.30mm, WATERPROOF IP66

CFW24-004-D4





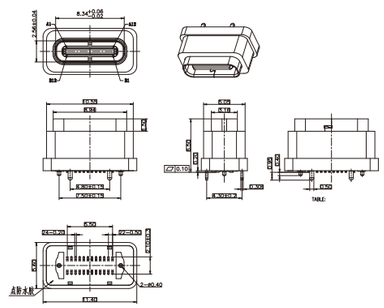
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN VERTICAL, DUAL ROW SMT, L*W*H=6.5*11.4*5.6mm, SOLDER TAB=0.95mm, WATERPROOF IP67

WCF24002-02





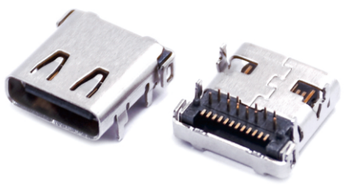
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

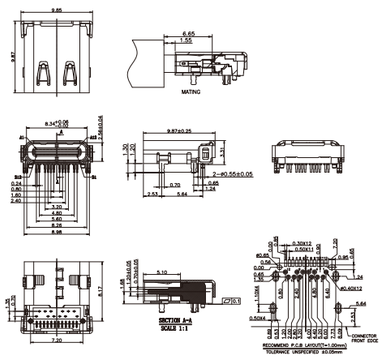
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

TOP-MOUNT, DIP+SMT, CH=1.73mm, L*W*H=9.87*9.85*3.31mm, SOLDER TAB=1.20mm

CF170-24-02





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

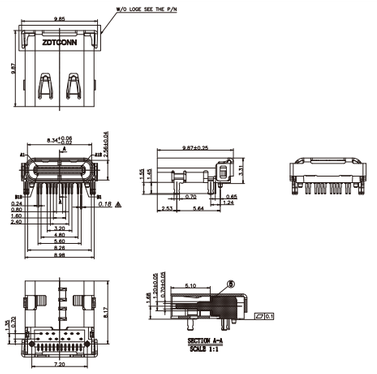
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

TOP-MOUNT, DIP+SMT, CH=1.73mm, L*W*H=9.87*9.85*3.31mm, SOLDER TAB=1.55mm

CF169-24-02





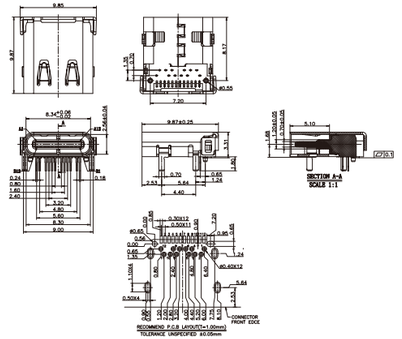
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DIP+SMT, CH=3.31mm, L*W*H=9.87*9.85*3.31mm, SOLDER TAB=1.80mm

CF224-014-02



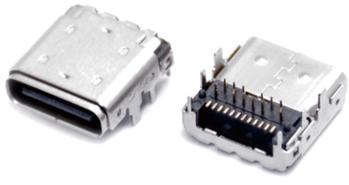


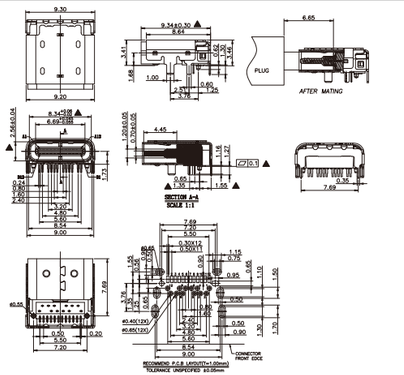
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DIP+SMT, WITH METAL UPPER COVER, CH=1.73mm, L*W*H=9.34*9.30*3.46mm, SOLDER TAB=1.30mm

CF216-24-02





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

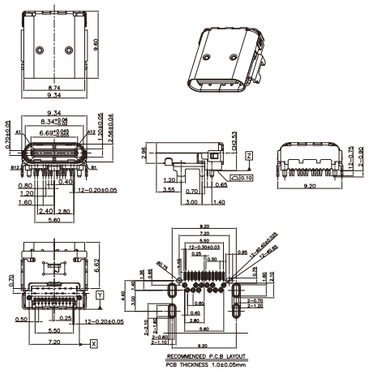
Goldconn®

USB TYPE-C FEMALE 24 PIN SERIES

TOP-MOUNT, DIP+SMT, CH=2.53mm, L*W*H=9.60*9.50*4.01mm, SOLDER TAB=0.80mm

CF253-24-02



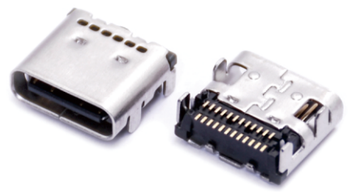


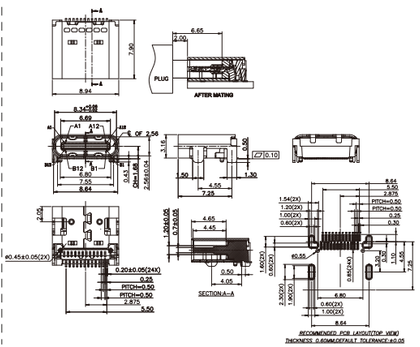
NOTE:
1. MECHANICAL PERFORMANCE.
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
2-2. CURRENT RATING: 5 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DUAL ROW SMT, CH=1.68mm, L*W*H=7.9*8.94*3.16mm, SOLDER TAB=0.50mm

USF04-023R



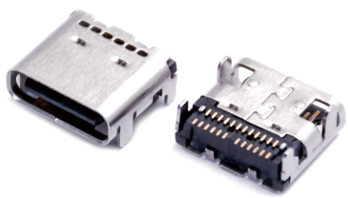


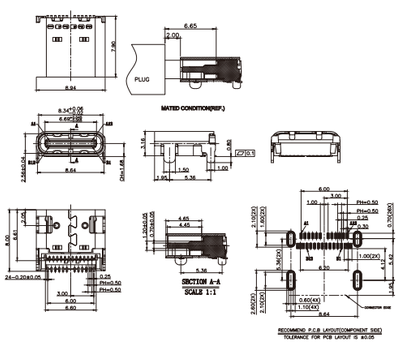
NOTE:
1. MECHANICAL PERFORMANCE.
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
2-2. CURRENT RATING: 5 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DUAL ROW SMT, CH=1.68mm, L*W*H=7.9*8.94*3.16mm, SOLDER TAB=0.80mm

CF073-24-02





NOTE:
1. MECHANICAL PERFORMANCE.
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
2-2. CURRENT RATING: 5 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

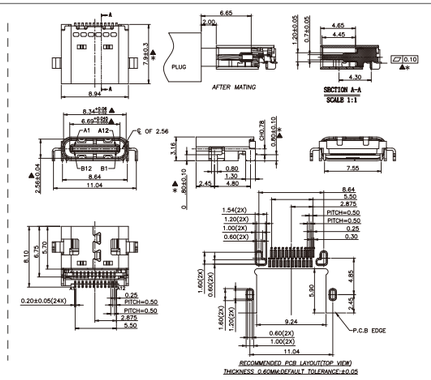
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

MID-MOUNT SINK0.8mm, DUAL ROW SMT, CH=0.78mm, L*W*H=7.9*8.94*3.16mm, SOLDER TAB=0.80mm

CF104-24-02



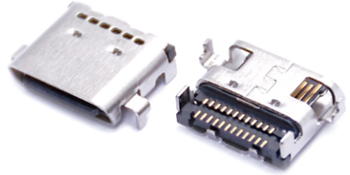


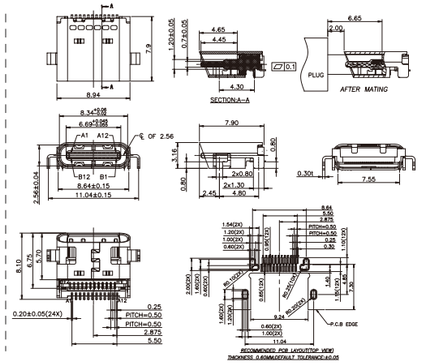
NOTE:
1. MECHANICAL PERFORMANCE.
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
2-2. CURRENT RATING: 5 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

MID-MOUNT SINK0.8mm, DUAL ROW SMT, INCLINED METAL SHELL, CH=0.78mm, L*W*H=7.9*8.94*3.16mm, SOLDER TAB=0.80mm

Z-CF034-01



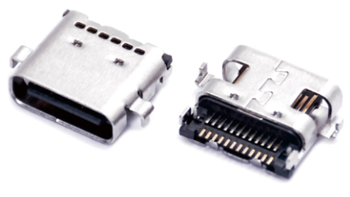


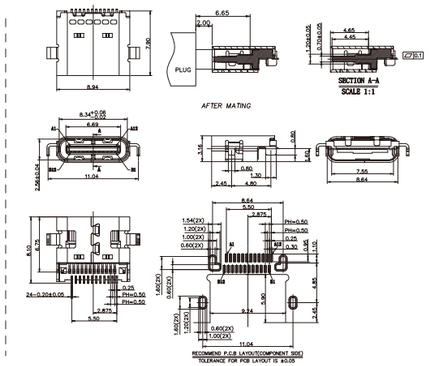
NOTE:
1. MECHANICAL PERFORMANCE.
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
2-2. CURRENT RATING: 5 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

MID-MOUNT SINK 1.6mm, DUAL ROW SMT, CH=0.02mm, L*W*H=7.9*8.94*3.16mm, SOLDER TAB=0.80mm

CF324-006-02





NOTE:
1. MECHANICAL PERFORMANCE.
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
2-2. CURRENT RATING: 5 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

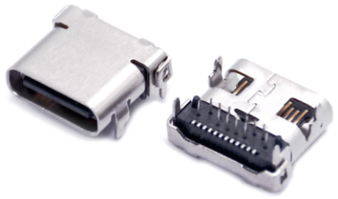
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

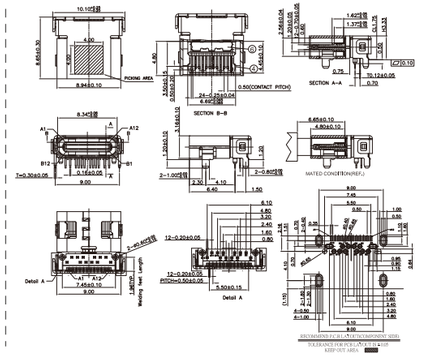
Goldconn®

USB TYPE-C FEMALE 24 PIN SERIES

TOP-MOUNT, DIP+SMT, SINGLE METAL SHELL, CH=1.75mm, L*W*H=8.65*10.1*3.33mm, SOLDER TAB=1.20mm

CF016-24-C3



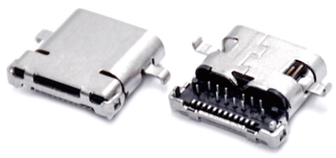


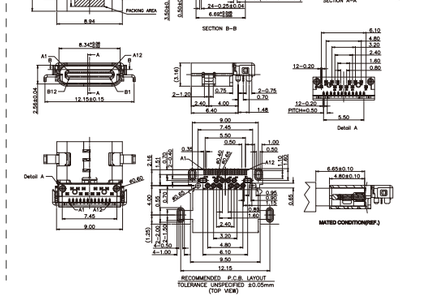
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

MID-MOUNT SINK 1.26mm, DIP+SMT, CH=0.32mm, L*W*H=8.65*10.1*3.16mm, SOLDER TAB=0.60mm

CF017-24-C3



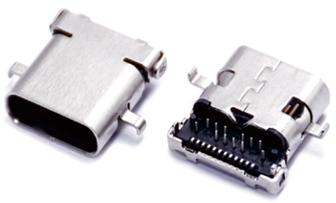


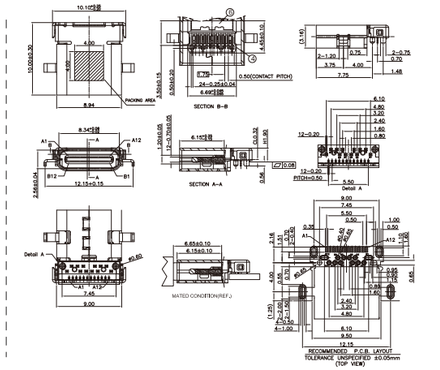
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

MID-MOUNT SINK 1.26mm, DIP+SMT, CH=0.32mm, L*W*H=10.0*10.1*3.16mm, SOLDER TAB=0.60mm

CF018-24-C3





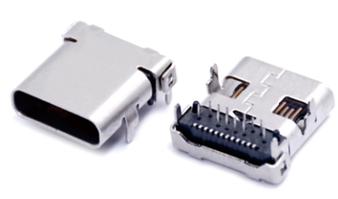
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

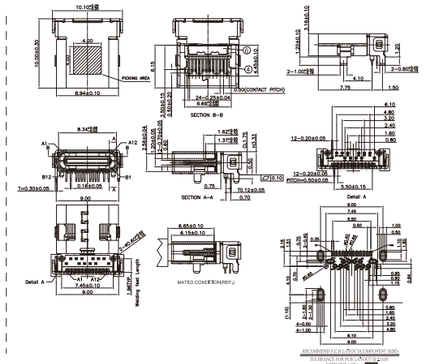
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

TOP-MOUNT, DIP+SMT, SINGLE METAL SHELL, CH=1.75mm, L*W*H=10.0*10.1*3.33mm, SOLDER TAB=1.20mm

CF020-24-C3



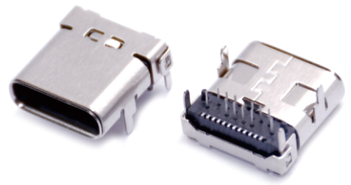


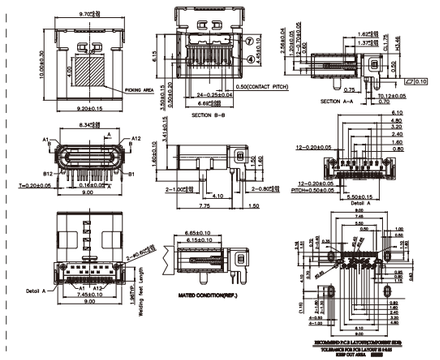
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DIP+SMT, DOUBLE METAL SHELL, CH=1.75mm, L*W*H=10.0*9.7*3.46mm, SOLDER TAB=1.60mm

CF028-24-C3





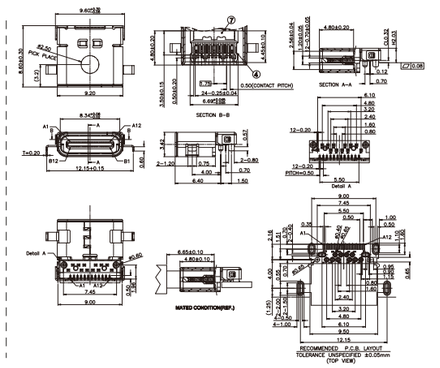
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

MID-MOUNT SINK 1.39mm, DOUBLE METAL SHELL, CH=0.32mm, L*W*H=8.6*9.6*3.42mm, SOLDER TAB=0.57mm

CF051-24-C3





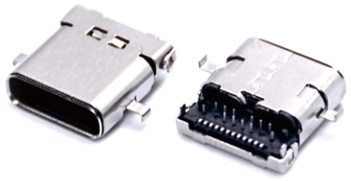
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

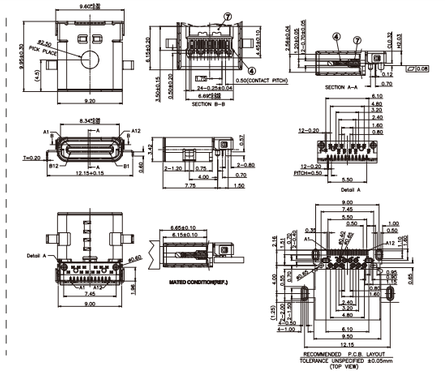
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

MID-MOUNT SINK 1.39mm, DOUBLE METAL SHELL, CH=0.32mm, L*W*H=9.95*9.6*3.42mm, SOLDER TAB=0.57mm

CF070-24-C3



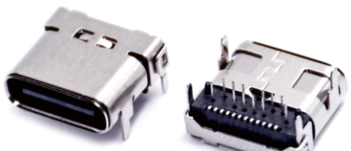


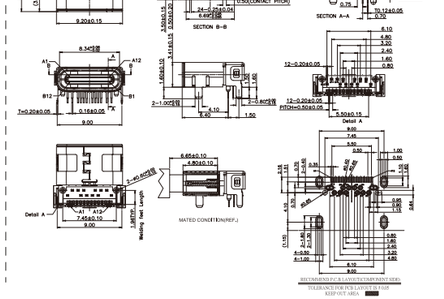
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DIP+SMT, DOUBLE METAL SHELL, CH=1.75mm, L*W*H=8.65*9.7*3.46mm, SOLDER TAB=1.60mm

CF147-24-C3





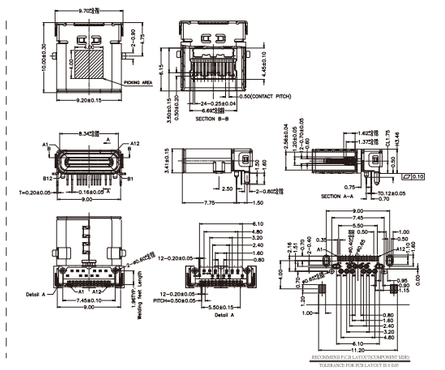
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DIP+SMT, DOUBLE METAL SHELL, CH=1.75mm, L*W*H=10.0*9.7*3.46mm, SOLDER TAB=1.60mm

CF224-005-C3





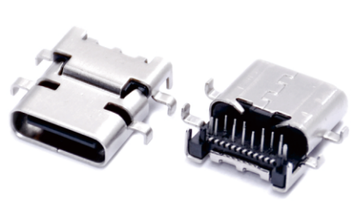
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

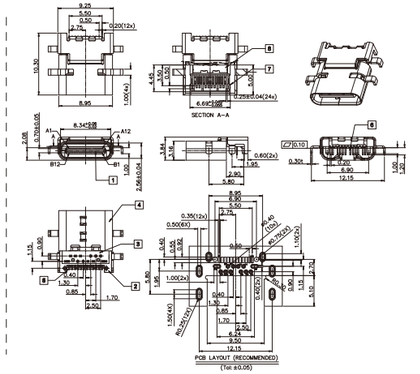
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

MID-MOUNT SINK 1.98mm, DIP+SMT, CH=0.40mm, L*W*H=10.30*9.25*3.84mm, SIX SOLDER TABS=0.9mm

CF130-24-C3



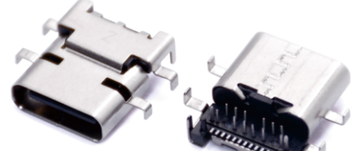


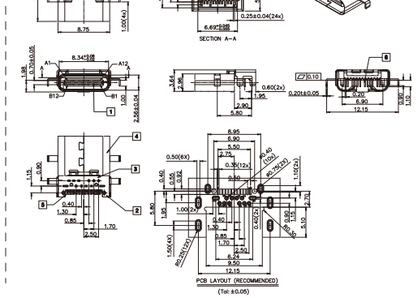
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

MID-MOUNT SINK 1.98mm, DIP+SMT, SHELL THICKNESS 0.2mm, CH=0.40mm, L*W*H=10.30*9.15*3.64mm, SIX SOLDER TABS=0.9mm

CF324-009-C3



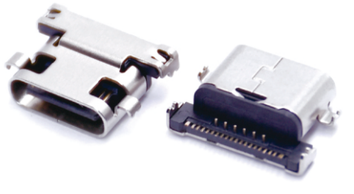


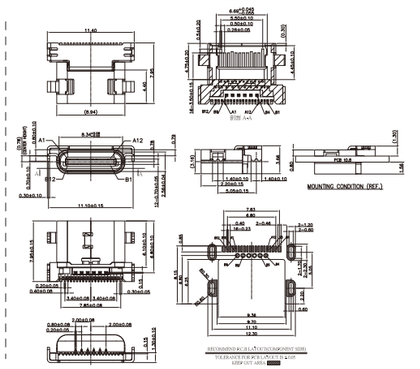
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

MID-MOUNT SINK 2.36mm, DIP+SMT, CH=0.78mm, L*W*H=7.95*11.40*3.66mm, SOLDER TAB=0.75mm

CF324-019-75





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

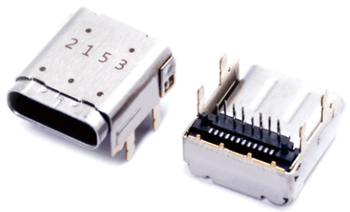
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

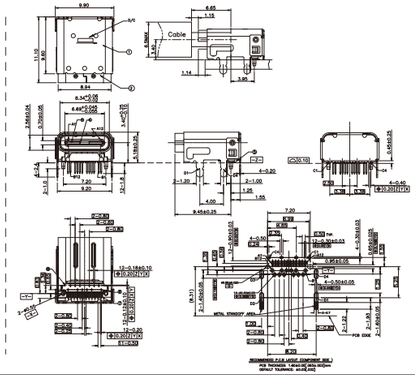
Goldconn®

USB TYPE-C FEMALE 24 PIN SERIES

TOP–MOUNT DIP+SMT, CH=3.4mm, L*W*H=11.10*9.90*5.18mm, SOLDER TAB=2.40mm

CF210-24-68



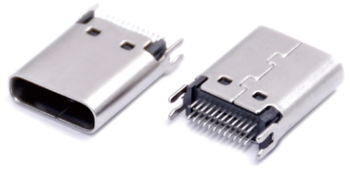


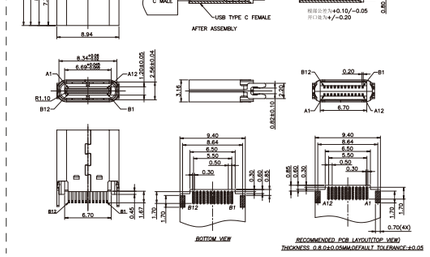
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

STRADDLE MOUNT 0.8mm*9.3mm, L*W*H=9.25*8.94*3.16mm, SOLDER TAB=1.75mm

Z-CF009-01



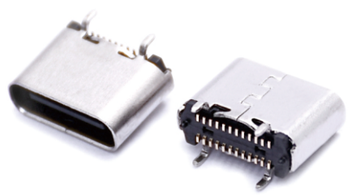


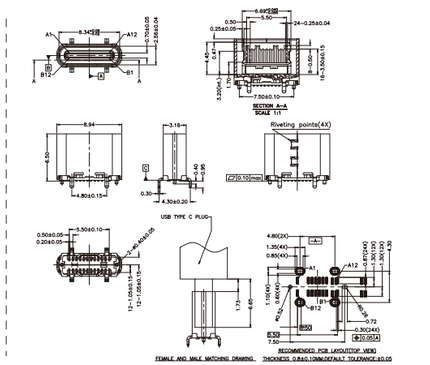
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL MOUNT, DUAL ROW SMT, H=6.50mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=1.05mm

CF122-24-C3





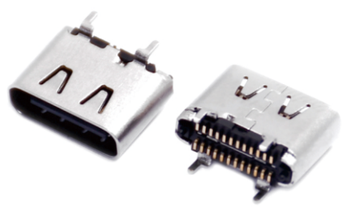
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

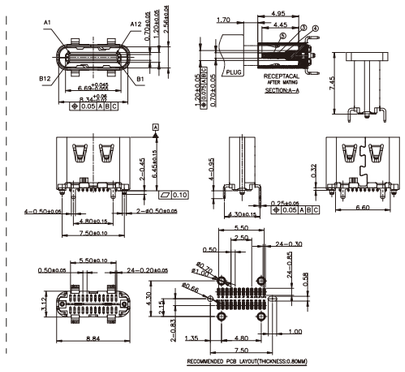
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

VERTICAL, DUAL ROW SMT, H=6.45mm, L*W*H=6.45*8.84*3.06mm, SOLDER TAB=0.95mm

CF124-001-F8



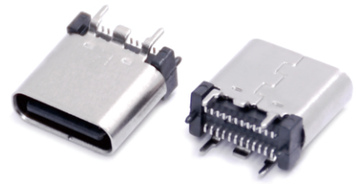


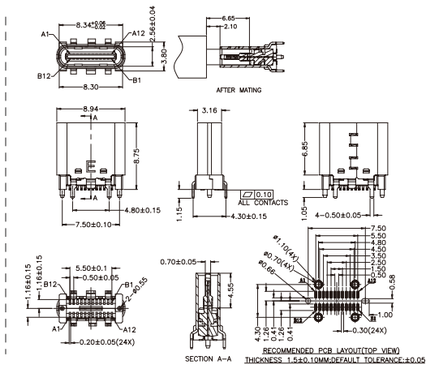
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL, DUAL ROW SMT, H=8.80mm, L*W*H=8.80*8.94*3.16mm, SOLDER TAB=1.15mm

CF217-24-C3



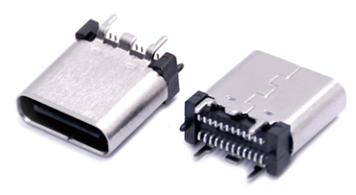


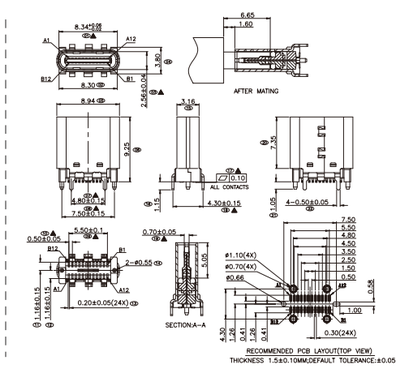
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL, DUAL ROW SMT, H=9.25mm, L*W*H=9.25*8.94*3.16mm, SOLDER TAB=1.15mm

Z-CF007-01





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

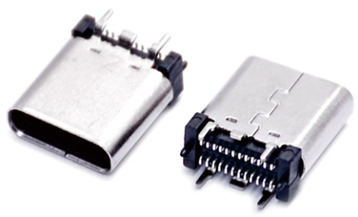
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

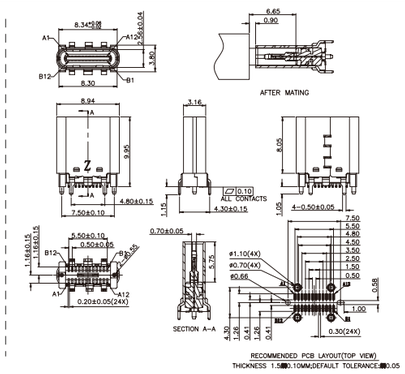
Goldconn®

USB TYPE-C FEMALE 24 PIN SERIES

VERTICAL, DUAL ROW SMT, H=10.0mm, L*W*H=10.0*8.94*3.16mm, SOLDER TAB=1.15mm

CF242-24-C3



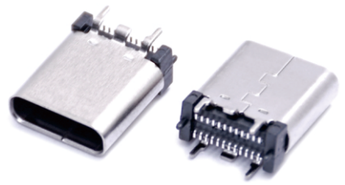


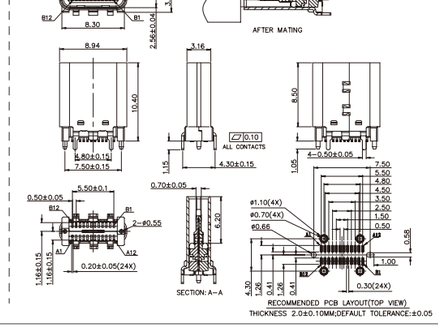
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL, DUAL ROW SMT, H=10.40mm, L*W*H=10.40*8.94*3.16mm, SOLDER TAB=1.15mm

CF175-24-C3



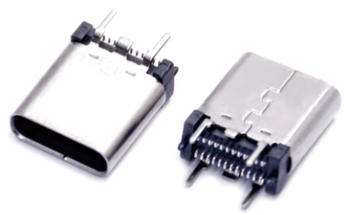


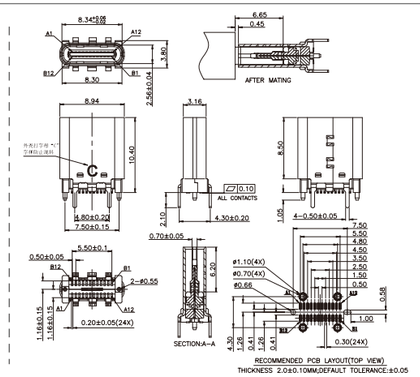
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL, DUAL ROW SMT, H=10.40mm, L*W*H=10.40*8.94*3.16mm, SOLDER TAB=2.10mm

CF176-24





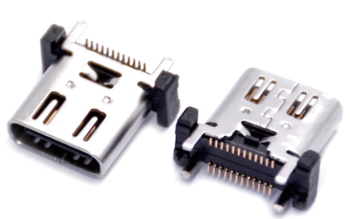
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

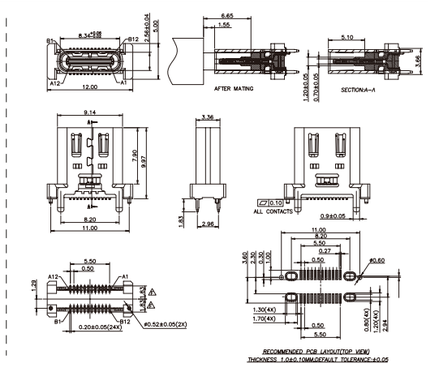
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 24 PIN SERIES

VERTICAL, DUAL ROW SMT, H=10.0mm, L*W*H=10.0*9.14*3.36mm, SOLDER TAB=1.83mm

Z-CF036-01



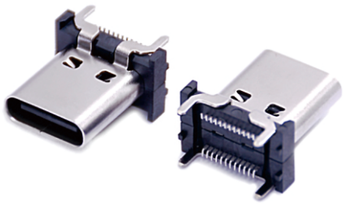


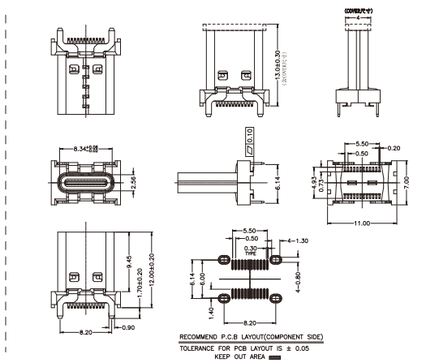
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL, DUAL ROW SMT, H=12.0mm, L*W*H=12.0*8.94*3.16mm, SOLDER TAB=1.70mm

CF135-24-C3



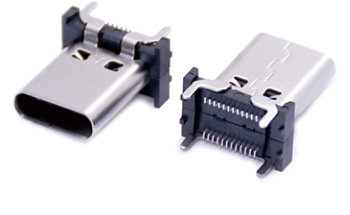


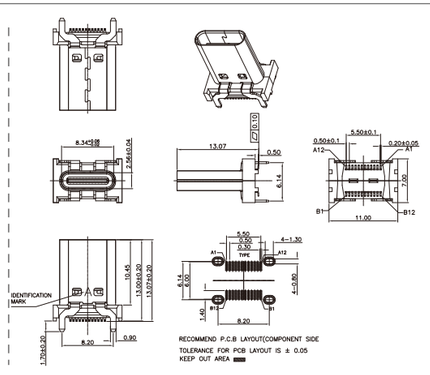
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL, DUAL ROW SMT, H=13.0mm, L*W*H=13.0*8.94*3.16mm, SOLDER TAB=1.70mm

CF251-24-C3





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

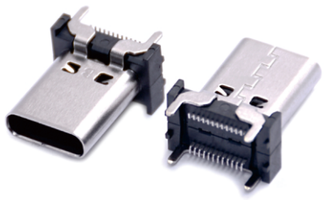
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

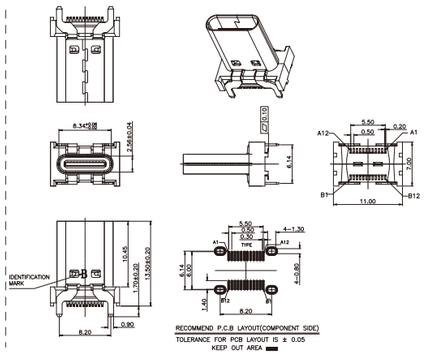
Goldconn®

USB TYPE-C FEMALE 24 PIN SERIES

VERTICAL, DUAL ROW SMT, H=13.50mm, L*W*H=13.5*8.94*3.16mm, SOLDER TAB=1.70mm

CF102-24-C3



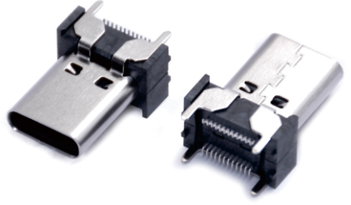


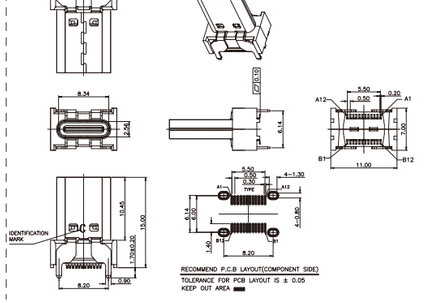
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

VERTICAL, DUAL ROW SMT, H=15.0mm, L*W*H=15.0*8.94*3.16mm, SOLDER TAB=1.70mm

CF103-24-C3



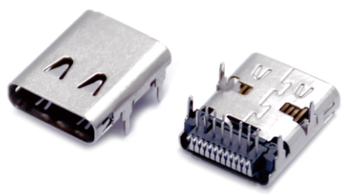


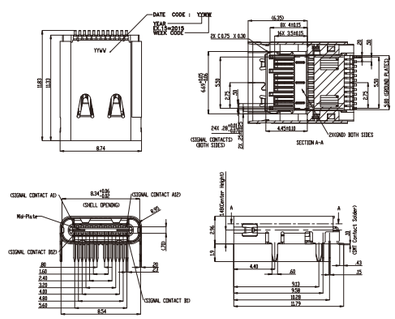
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

TOP-MOUNT, DIP+SMT, CH=1.48mm, L*W*H=11.33*8.74*2.96mm, SOLDER TAB=1.90mm

CF24007





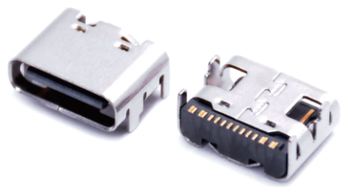
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2.ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

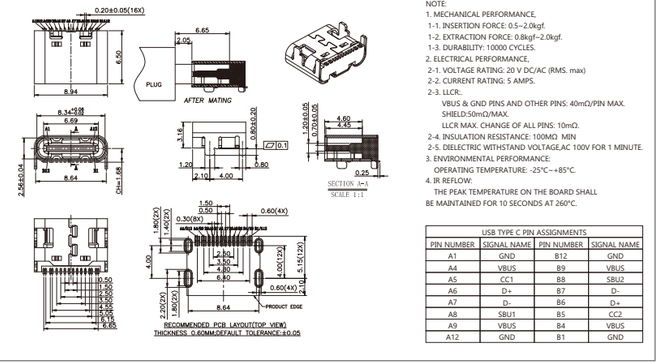
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C FEMALE 16 PIN SERIES

TOP–MOUNT, SMT, RIGHT–ANGLE,CH=1.68mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.80mm

Z-CF055-02





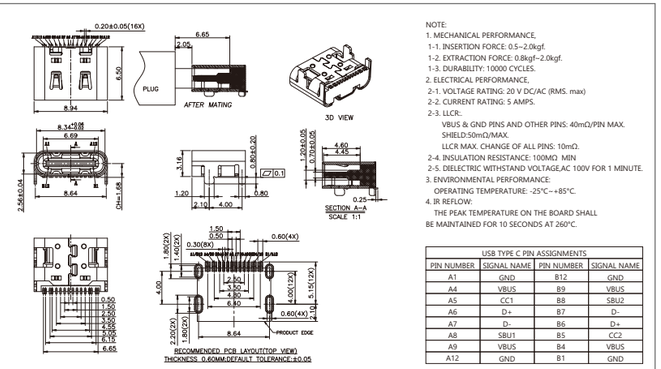
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TOP-MOUNT, SMT, WITH SPRING SHELL,CH=1.68mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.80mm

CF266-16-02





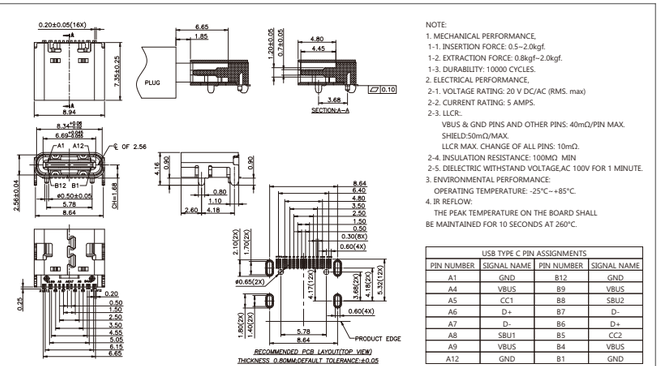
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TOP-MOUNT, SMT, RIGHT-ANGLE,CH=1.68mm, L*W*H=7.35*8.94*3.16mm, SOLDER TAB=0.90mm

Z-CF044-02





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

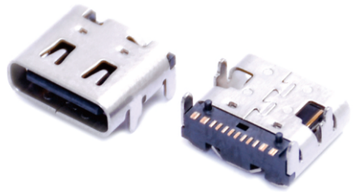
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

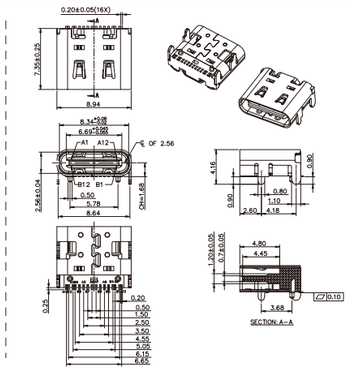
Goldconn®

USB TYPE-C FEMALE 16 PIN SERIES

TOP-MOUNT, SMT, WITH SPRING SHELL,CH=1.68mm, L*W*H=7.35*8.94*3.16mm, SOLDER TAB=0.90mm

CF146-16-01

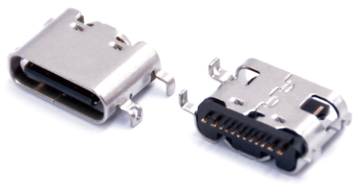




NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

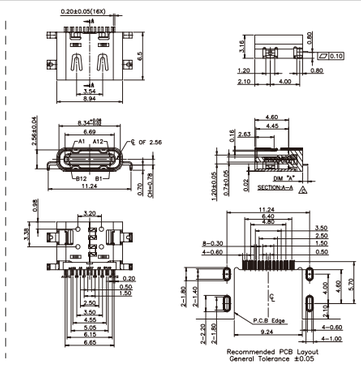
MID-MOUNT SINK 0.8mm,CH=0.78mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.70mm



MID-MOUNT SINK 0.8mm, WITH SPRING SHELL, CH=0.78, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.70mm

CF172-16-68





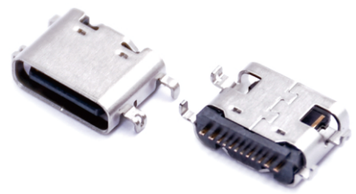
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

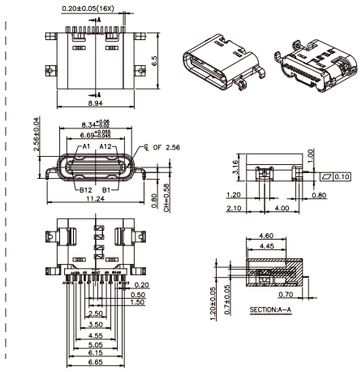
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

USB TYPE-C FEMALE 16 PIN SERIES

MID–MOUNT SINK 1.0mm,CH=0.58mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.80mm

Z-CF059-02





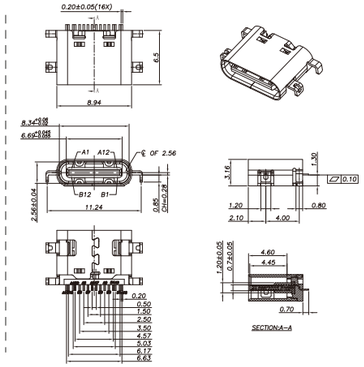
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

MID-MOUNT SINK 1.30mm,CH=0.28mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.85mm

CF129-16-01



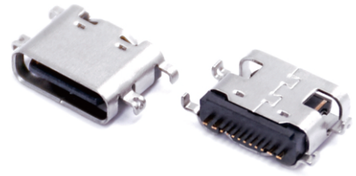


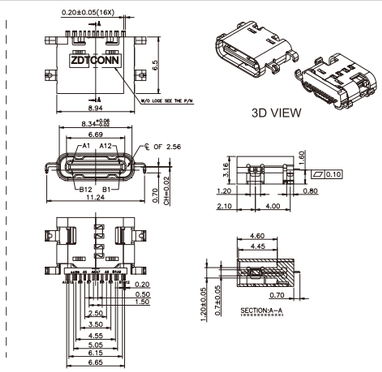
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

MID-MOUNT SINK 1.6mm,CH=0.02mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.70mm

Z-CF062-02





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

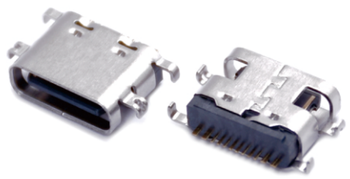
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

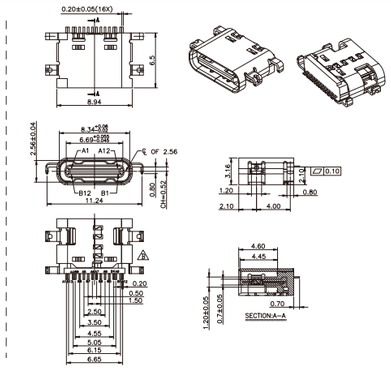
Goldconn®

USB TYPE-C FEMALE 16 PIN SERIES

MID-MOUNT SINK 2.1mm,CH=0.52mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.80mm

Z-CF060-02



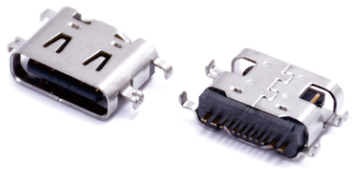


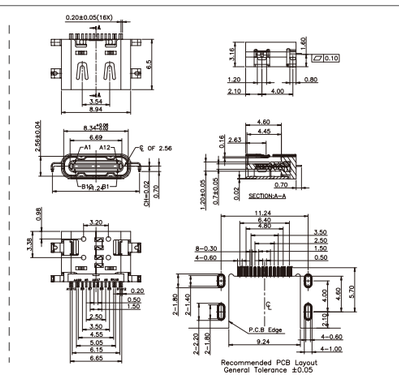
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

MID-MOUNT SINK 1.6mm,SMT, WITH SPRING SHELL, CH=0.02mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.70mm

CF178-16-01



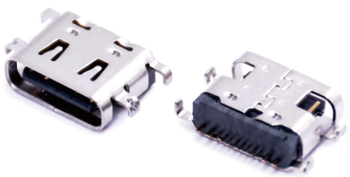


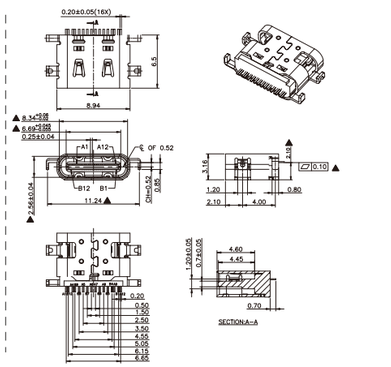
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

MID-MOUNT SINK 2.1mm,SMT, WITH SPRING SHELL, CH=0.52mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.85mm

CF215-16-01





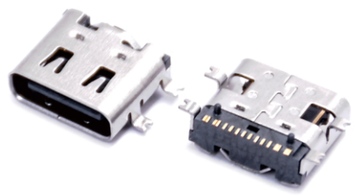
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

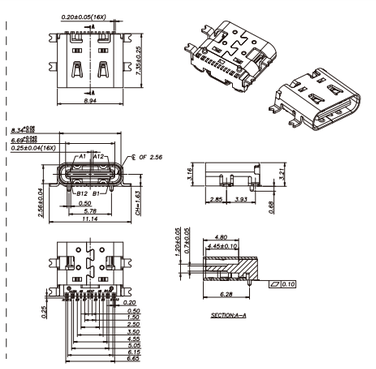
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

USB TYPE-C FEMALE 16 PIN SERIES

TOP–MOUNT, SMT, CH=1.68mm, L*W*H=7.35*8.94*3.16mm

CF179-16-02





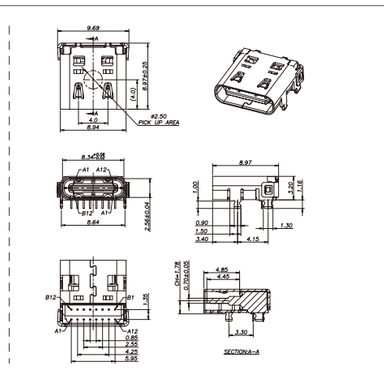
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TOP-MOUNT, DUAL ROW DIP, CH=1.62mm, L*W*H=8.97*9.69*3.16mm, SOLDER TAB=1.00mm

CF213-16-01



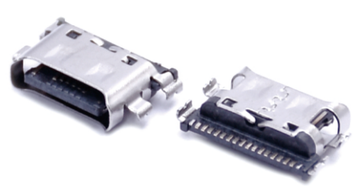


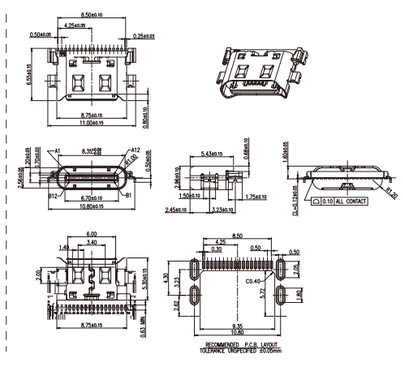
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

MID-MOUNT SINK 1.36mm, CH=0.12mm, L*W*H=6.55*8.75*2.96mm, SOLDER TAB=0.50mm

CF316-001-64





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

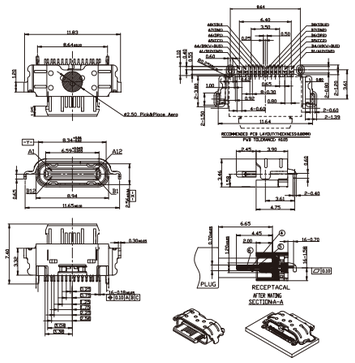
Goldconn®

USB TYPE-C FEMALE 16 PIN SERIES

MID-MOUNT SINK 1.58mm, EXPOSED TONGUE, CH=0.01mm, L*W*H=7.4*8.94*3.46mm, SOLDER TAB=0.65mm

CF316-004-F8





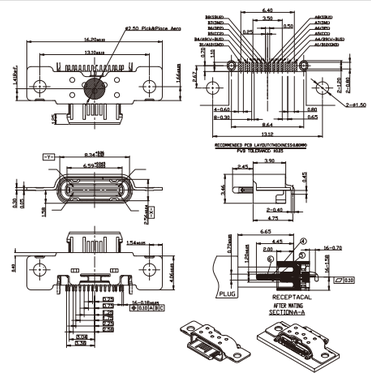
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

MID-MOUNT SINK 1.58mm, EXPOSED TONGUE, WITH SCREW HOLE COVER, CH=0.01mm, L*W*H=6.91*8.94*3.46mm, SOLDER TAB=0.45mm

CF316-005-F8





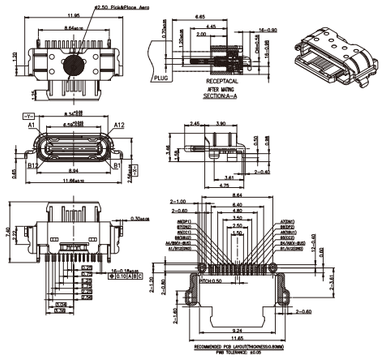
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

MID-MOUNT SINK 0.98mm, EXPOSED TONGUE, CH=0.6mm, L*W*H=6.91*8.94*3.46mm, SOLDER TAB=0.5mm

CF316-008-F8





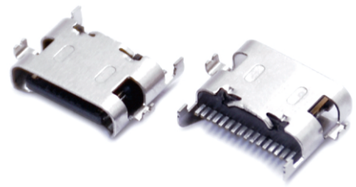
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

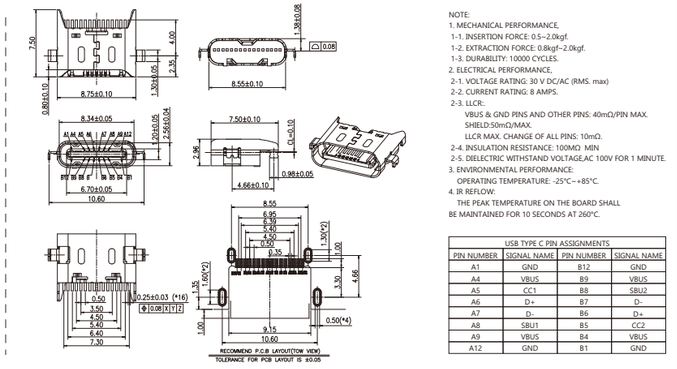
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

USB TYPE-C FEMALE 16 PIN SERIES

MID-MOUNT SINK 1.58mm, CH=0.1mm, L*W*H=7.50*8.75*2.96mm, SOLDER TAB=0.7mm

CF316-009-64





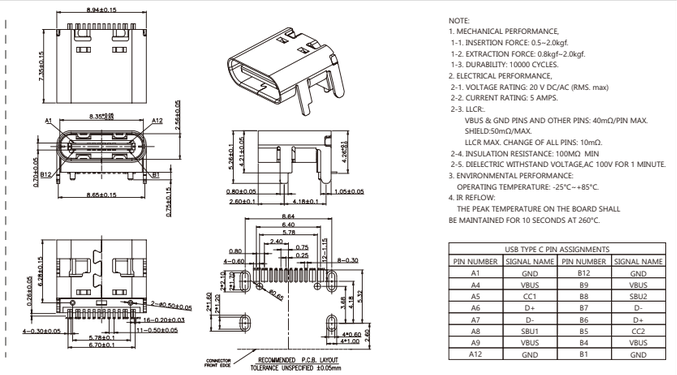
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 30 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 8 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TOP-MOUNT, SMT, CH=2.68mm, L*W*H=7.35*8.94*3.16mm, SOLDER TAB=1.05mm

CF193-16-D4





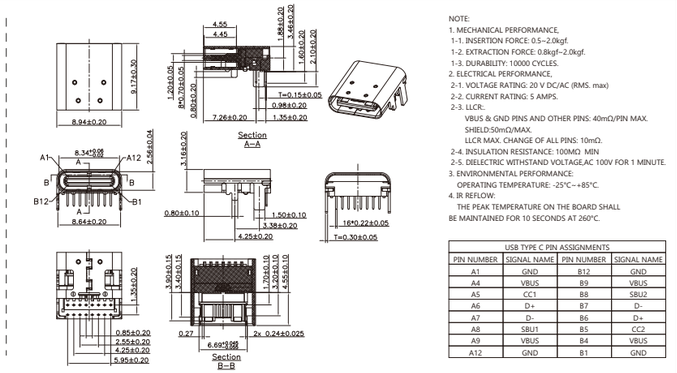
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TOP-MOUNT, DIP, CH=1.88, L*W*H=9.17*8.94*3.16mm, SOLDER TAB=2.1mm

CF216-016-02





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

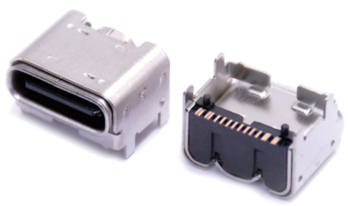
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

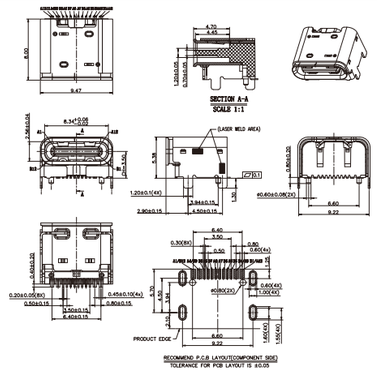
Goldconn®

USB TYPE-C FEMALE 16 PIN SERIES

TOP-MOUNT, SMT, SINGLE ROW, CH=3.5mm, L*W*H=8*9.47*5.38mm, SOLDER TAB=1.30mm

CF216-007-02





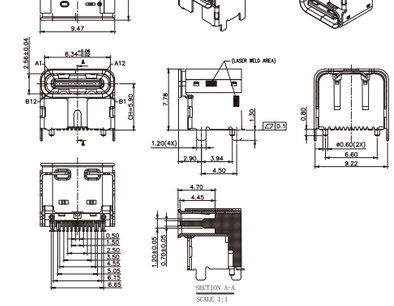
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TOP-MOUNT, SMT, SINGLE ROW, CH=5.9mm, L*W*H=8*9.47*5.38mm, SOLDER TAB=1.30mm

CF042-16-02





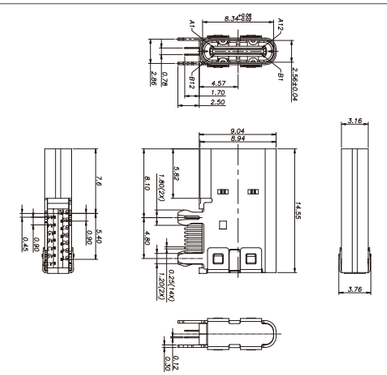
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

UPRIGHT, DIP, CH=4.57mm, L*W*H=14.55*3.15*9.04mm, SOLDER TAB=2.5mm

Z-CF079-01





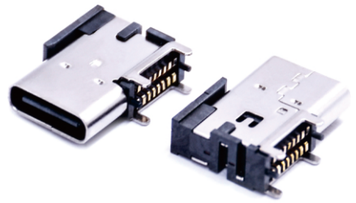
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

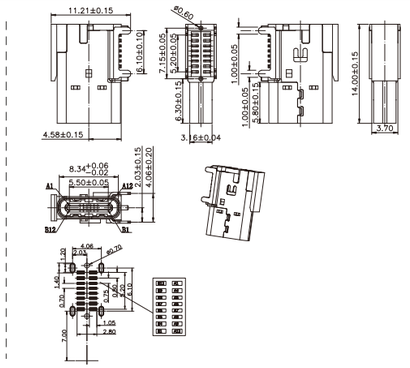
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

USB TYPE-C FEMALE 16 PIN SERIES

UPRIGHT, SMT, CH=4.58mm, L*W*H=14*4.36*9.89mm, SOLDER TAB=1.32mm

CF616-001-J2



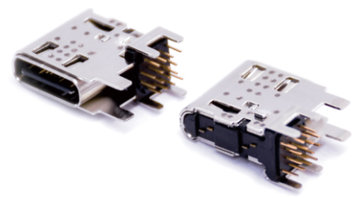


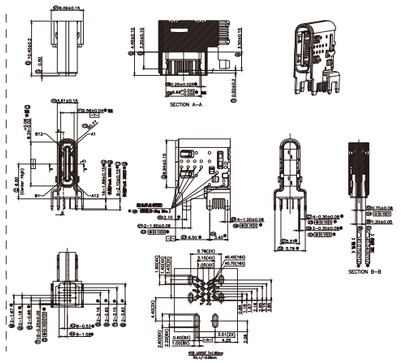
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

UPRIGHT, DIP, CH=6.6mm, L*W*H=10.4*6.09*11.39mm, SOLDER TAB=2.1mm

CF289-16-68



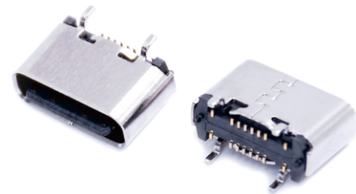


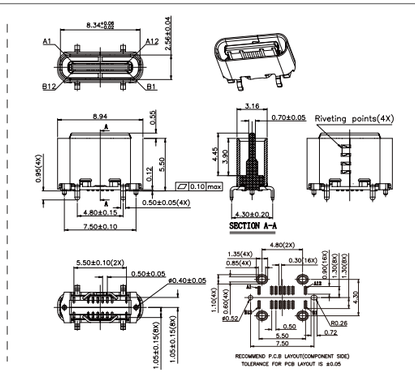
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

VERTICAL, SMT, EXPOSED TONGUE, H=5.5mm, L*W*H=5.5*8.94*3.16mm, SOLDER TAB=0.95mm

CF116-001-02





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

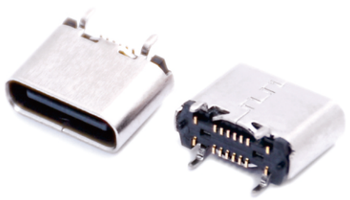
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

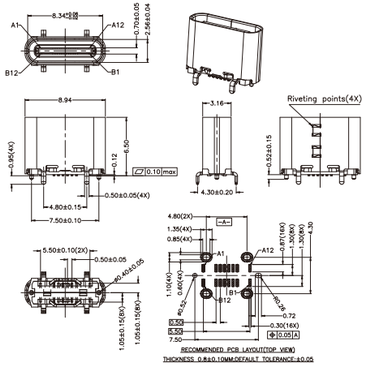
Goldconn®

USB TYPE-C FEMALE 16 PIN SERIES

VERTICAL, SMT, H=6.5mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.95mm

CF136-16-01



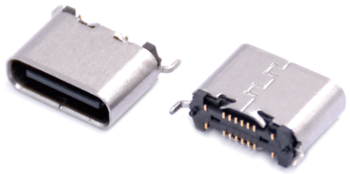


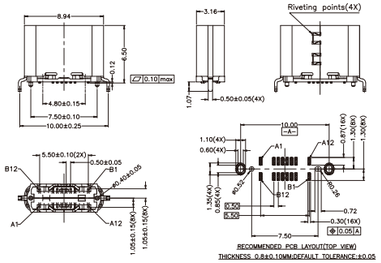
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

VERTICAL, SMT, H=6.5mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.95mm

CF252-16-C3



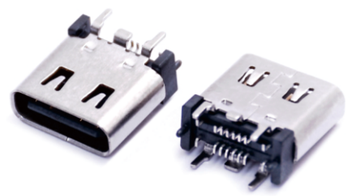


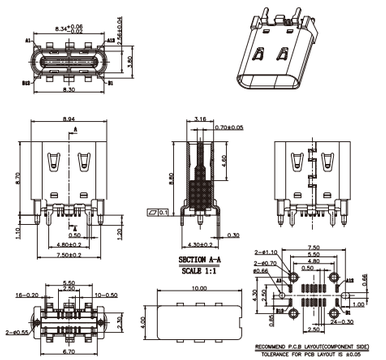
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

VERTICAL, SMT, H=8.8mm, L*W*H=8.8*8.94*3.16mm, SOLDER TAB=1.20mm

CF116-010-02





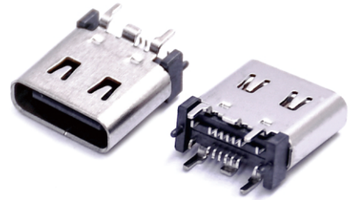
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

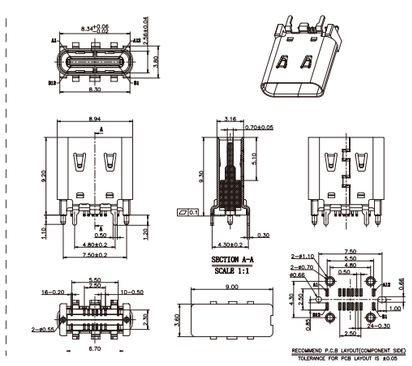
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

USB TYPE-C FEMALE 16 PIN SERIES

VERTICAL, SMT, H=9.3mm, L*W*H=9.3*8.94*3.16mm, SOLDER TAB=1.20mm

CF116-011-02



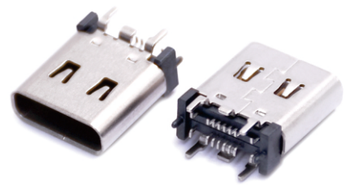


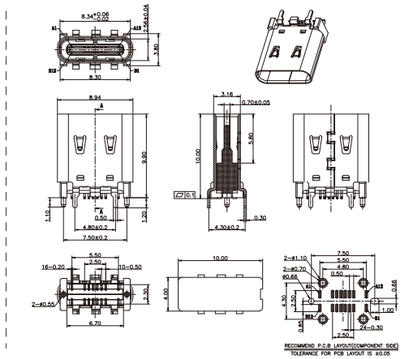
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

VERTICAL, SMT, H=10.0mm, L*W*H=10.0*8.94*3.16mm, SOLDER TAB=1.20mm

CF116-012-02



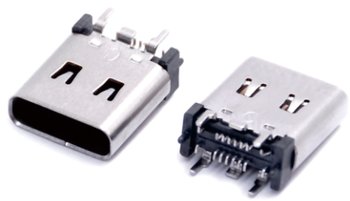


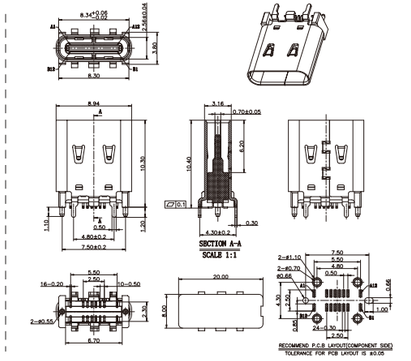
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

VERTICAL, SMT, H=10.4mm, L*W*H=10.4*8.94*3.16mm, SOLDER TAB=1.20mm

CF116-013-02





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

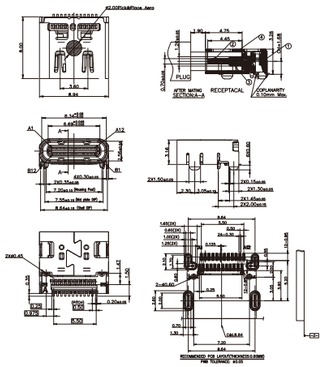
Goldconn®

USB 4.0 TYPE-C SERIES

24PIN TOP-MOUNT, DUAL ROW SMT, CH=1.83mm, L*W*H=8.0*8.94*3.24mm, SOLDER TAB=0.60mm

CF224-001-F8





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

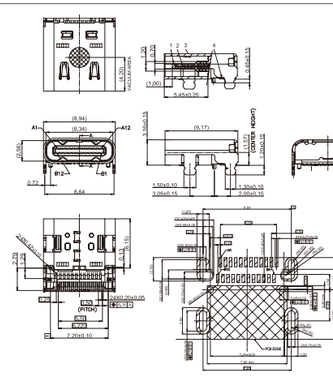
USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN TOP-MOUNT, DUAL ROW SMT, CH=1.57mm, L*W*H=9.17*8.94*3.16mm, SOLDER TAB=1.20mm

CF224-009-F5





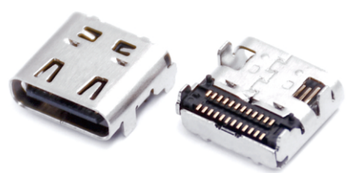
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

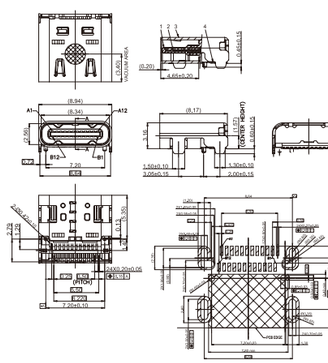
USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN TOP-MOUNT, DUAL ROW SMT, CH=1.57mm, L*W*H=8.17*8.94*3.18mm, SOLDER TAB=0.60mm

CF224-010-F5





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

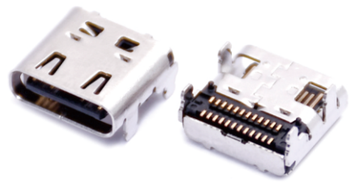
USB TYPE C PIN ASSIGNMENTS

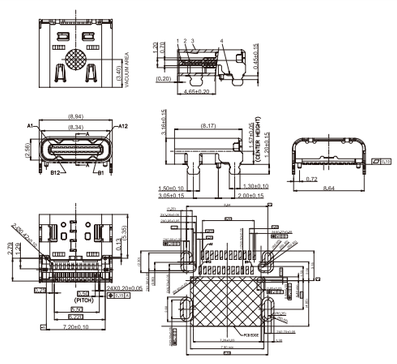
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB 4.0 TYPE-C SERIES

24PIN TOP-MOUNT, DUAL ROW SMT, CH=1.57mm, L*W*H=8.17*8.94*3.18mm, SOLDER TAB=1.20mm

CF224-011-F5





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

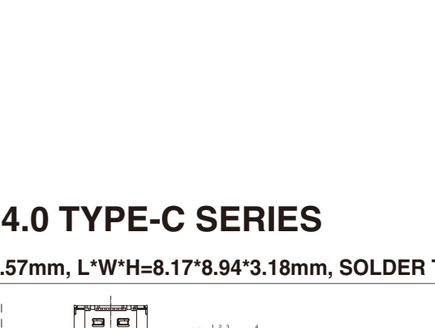
USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN TOP-MOUNT, DUAL ROW SMT, CH=1.57mm, L*W*H=9.17*9.59*3.43mm, SOLDER TAB=0.90mm

CF224-012-F5





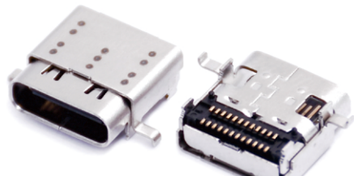
NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

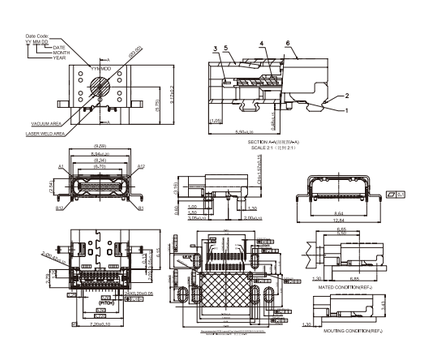
USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN TOP-MOUNT, DUAL ROW SMT, CH=1.57mm, L*W*H=9.17*9.59*3.43mm, SOLDER TAB=0.60mm

CF224-013-F5





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS

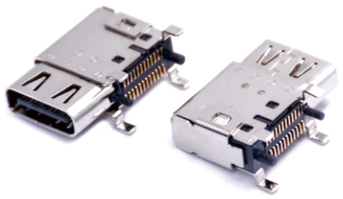
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

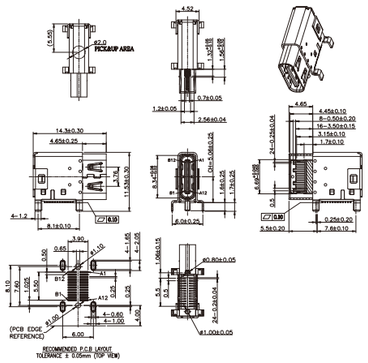
Goldconn®

USB 4.0 TYPE-C SERIES

24PIN UPRIGHT, SMT, CH=5.06, L*W*H=14.30*4.52*9.83mm, SOLDER TAB=1.70mm

CF290-24-02





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT, EXPOSED TONGUE, WITH SCREW HOLE COVER, CH=0.7mm, L*W*H=8.90*9.66*3.48mm, SOLDER TAB=0.5mm

CF324-007-C3

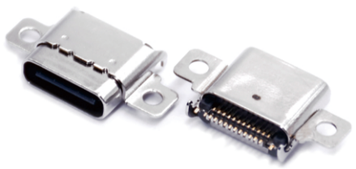


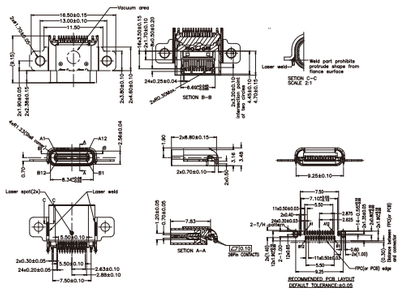
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT, SMT, WITH SCREW HOLE COVER, CH=0.7mm, L*W*H=9.15*9.86*3.58mm, SOLDER TAB=0.5mm

CF324-008-C3





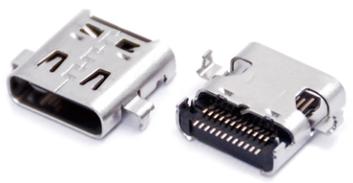
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

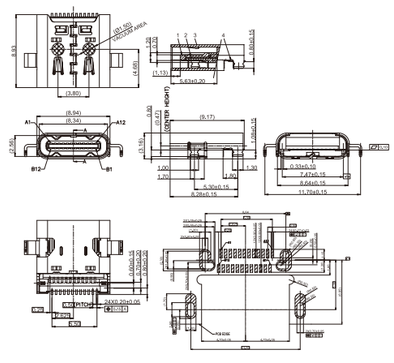
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB 4.0 TYPE-C SERIES

24PIN MID-MOUNT SINK 1.08mm, DUAL ROW SMT, CH=0.50mm, L*W*H=9.17*8.94*3.16mm, SOLDER TAB=0.8mm

CF324-011-F5





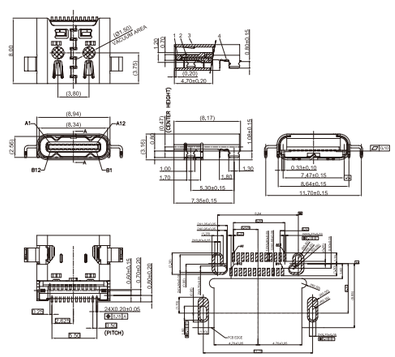
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT SINK 1.08mm, DUAL ROW SMT, CH=0.50mm, L*W*H=8.17*8.94*3.16mm, SOLDER TAB=0.8mm

CF324-012-F5



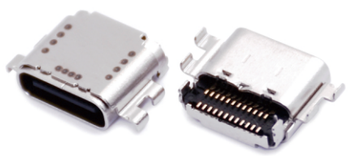


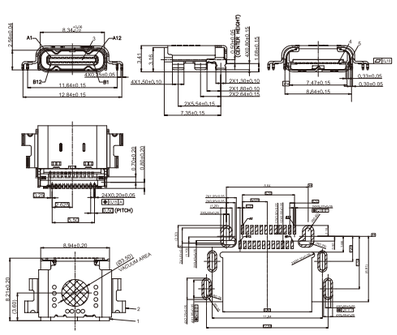
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT SINK 1.08mm, DUAL ROW SMT, CH=0.5mm, L*W*H=8.21*9.48*3.41mm, SOLDER TAB=0.8mm

CF324-013-F5





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

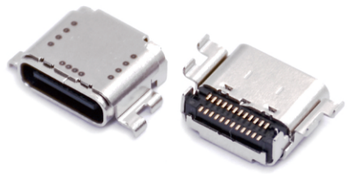
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

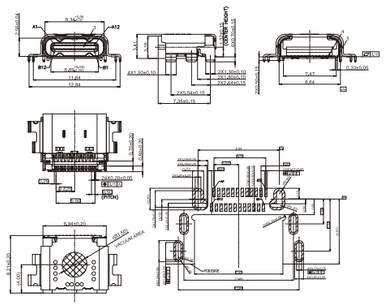
Goldconn®

USB 4.0 TYPE-C SERIES

24PIN MID-MOUNT SINK 0.23mm, DUAL ROW SMT, CH=1.32mm, L*W*H=8.21*9.48*3.41mm, SOLDER TAB=0.7mm

CF324-014-F5





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

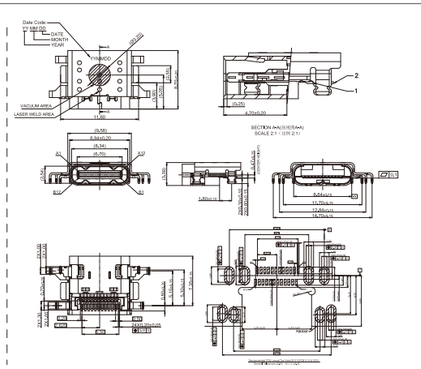
USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT SINK 1.11mm, DUAL ROW SMT, CH=0.47mm, L*W*H=8.70*9.58*3.39mm, SOLDER TAB=0.8mm

CF324-015-F5





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

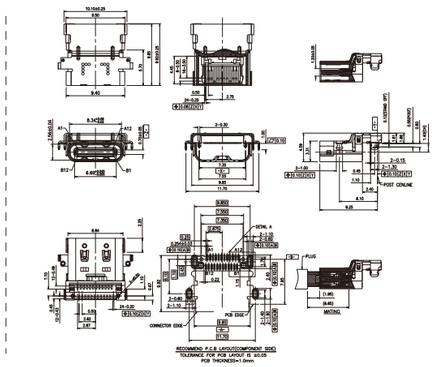
USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

24PIN MID-MOUNT SINK 2.93mm, DUAL ROW SMT, CH=1.4mm, L*W*H=9.92*10.10*4.59mm, SOLDER TAB=1.00mm

CF324-018-75





NOTE:
1. MECHANICAL PERFORMANCE.
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE.
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 5 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS

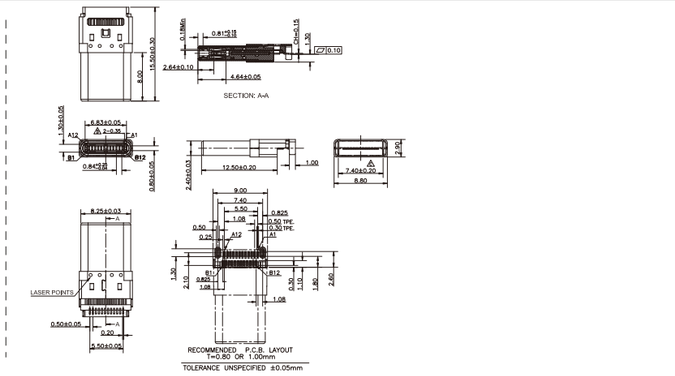
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

USB TYPE-C MALE SERIES

24PIN MID-MOUNT, SINK 1.3mm, CH=0.15mm, L*W*H=15.5*8.8*2.9mm, SOLDER TAB=0.90mm

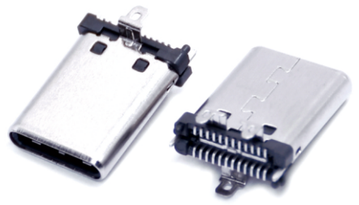
CM073-24-68

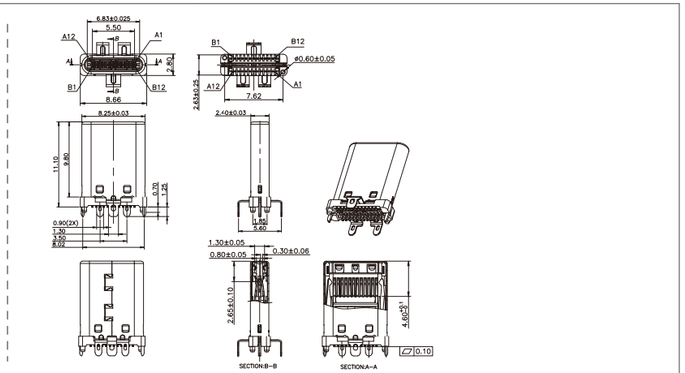




24PIN VERTICAL, SMT, H=11.1cm, L*W*H=8.66*2.40*11.1mm, SOLDER TAB=1.25mm

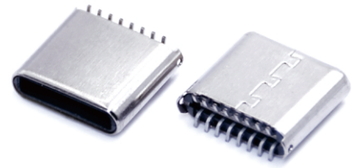
Z-CM026-02

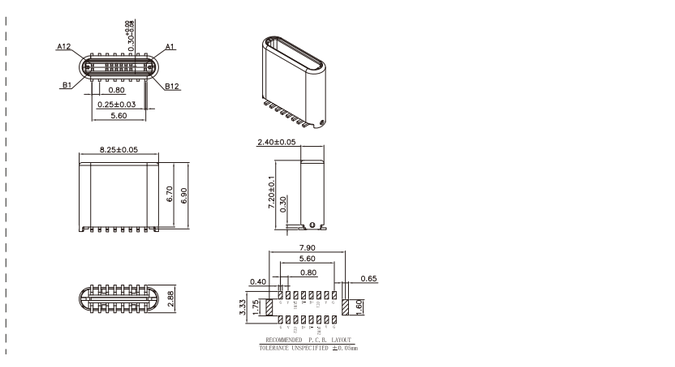




16PIN VERTICAL, SMT, WITHOUT SOLDER TAB, H=7.2mm, L*W*H=7.20*2.40*7.20mm

CM16001-G1





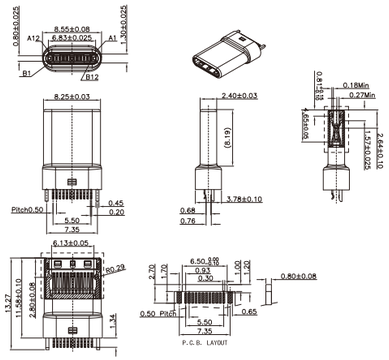
Goldconn®

USB TYPE-C MALE SERIES

24PIN STRADDLE MOUNT, L*W*H=11.58*3.55*3.78mm

CM090-24-02

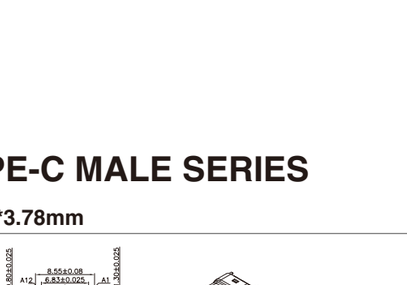




12PIN STRADDLE MOUNT, L*W*H=10.24*8.45*3.0mm

CM412-001-93

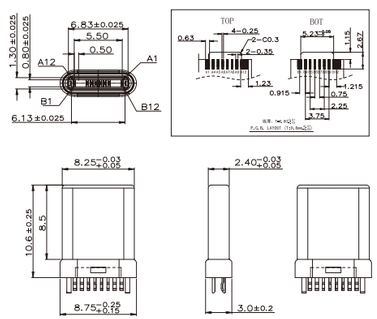




16PIN STRADDLE MOUNT, L*W*H=10.6*8.75*3.0mm

CM123-16-97



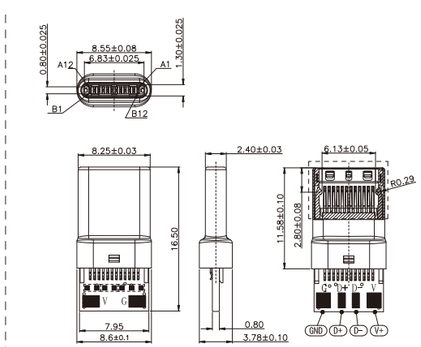


USB TYPE-C MALE SERIES

24PIN PLUG WITH USB2.0 PCB, L*W*H=16.5*8.6*3.78mm

CM087-24-02

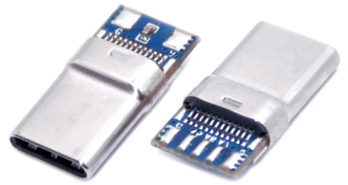


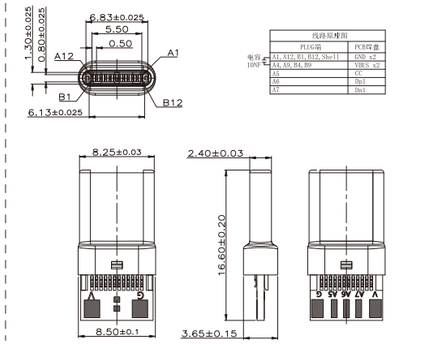


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE C TO TYPE C, L*W*H=16.6*8.5*3.65mm

CM088-24-02





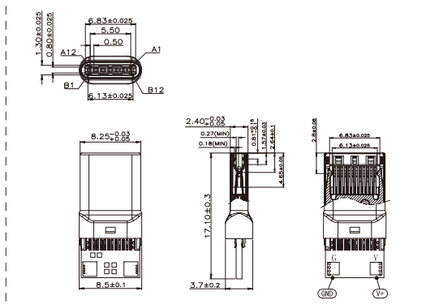
线路层对照图	
PLUG面	PCB背面
A1, A12, B1, B12, Shell	GND x2
A4, A5, B4, B9	VBUS x2
A6	CC
A7	Dp1
A8	Dn1

NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH USB2.0 PCB, L*W*H=17.1*8.5*3.70mm

CM091-24-97





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

Goldconn®

USB TYPE-C MALE SERIES

24PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE C TO TYPE C, WITH PTC, L*W*H=16.6*8.55*3.78mm

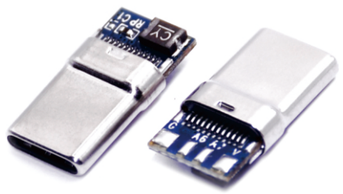
CM161-24-02



NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, WITH PTC, L*W*H=16.6*8.55*3.78mm

CM163-24-02

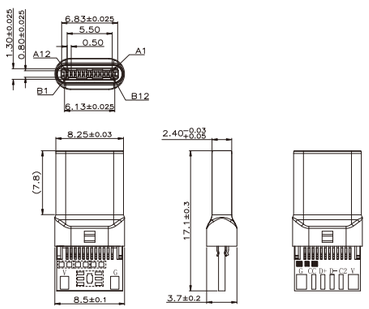


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH USB2.0 PCB SUPPORTS PD 100W, WITH E-MARK, L*W*H=17.1*8.5*3.70mm

CM092-24-97





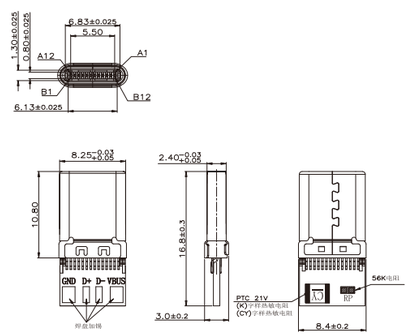
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C MALE SERIES

24PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, WITH PTC, L*W*H=16.8*8.4*3.0mm

CM170-24-97

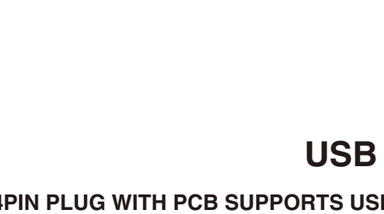


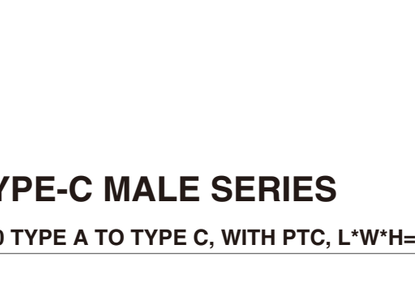


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, L*W*H=14.92*8.55*3.2mm

CM24001-02

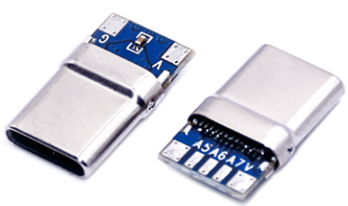


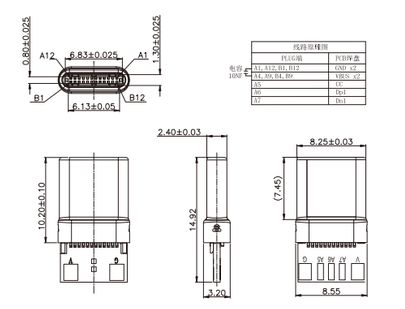


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE C TO TYPE C, L*W*H=14.92*8.55*3.2mm

CM24002-02





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

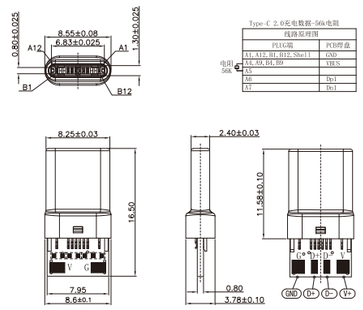
Goldconn®

USB TYPE-C MALE SERIES

16PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, L*W*H=16.5*8.6*3.78mm

CM16004-02





Type-C 2.0充电数据-56k电阻

线路原理图	
PLUG面	PCB焊盘
A1, A12, B1, B12, Shell	GND
A5, A9, B4, B9	VBUS
A5	CC
A6	Dp1
A7	Dn1

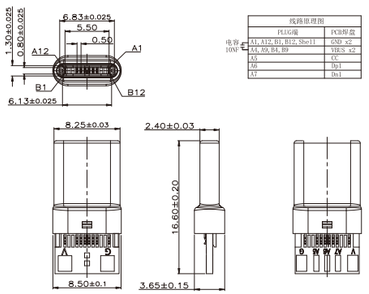
电阻 56k

NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

16PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE C TO TYPE C, L*W*H=16.6*8.5*3.65mm

CM16005-02





线路原理图	
PLUG面	PCB焊盘
A1, A12, B1, B12, Shell	GND x2
A5, A9, B4, B9	VBUS x2
A5	CC
A6	Dp1
A7	Dn1

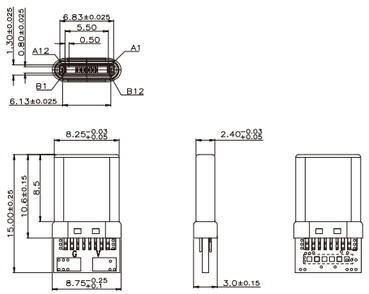
电容 100nF

NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

16PIN PLUG WITH PCB SUPPORTS USB TYPE A TO TYPE C, L*W*H=15.0*8.75*3.0mm

CM135-16-97



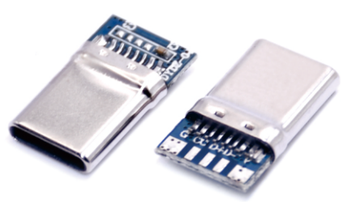


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C MALE SERIES

16PIN PLUG WITH PCB SUPPORTS USB TYPE C TO TYPE C, TYPE C TO LIGHTNING, L*W*H=15.0*8.75*3.0mm

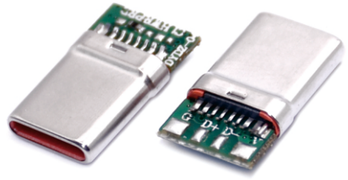
CM135-16-97



NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

16PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, L*W*H=15.0*8.75*3.0mm

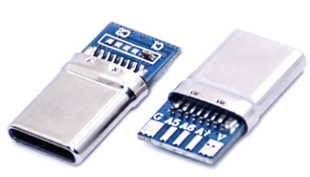
CM130-16-97



NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

16PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE C TO TYPE C, L*W*H=16.4*8.75*3.0mm

CM128-16-97



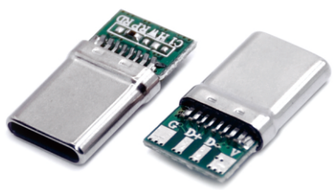
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

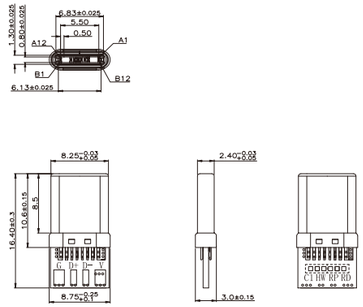
Goldconn®

USB TYPE-C MALE SERIES

16PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, L*W*H=16.4*8.75*3.0mm

CM116-16-97



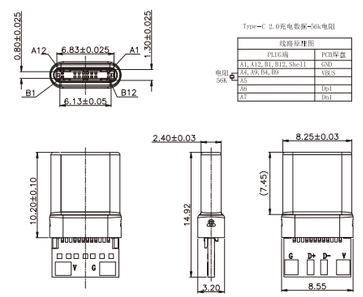


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

16PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, L*W*H=14.92*8.55*3.2mm

CM16002-02





Type-C 2.0充电数据-56k电阻

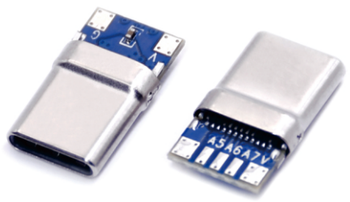
线路原理图	
PLUG端	PCB焊盘
A1, A12, B1, B12, Shell	GND
A4, A9, B4, B9	VBUS
A5	CC
A6	Dp1
A7	Dn1

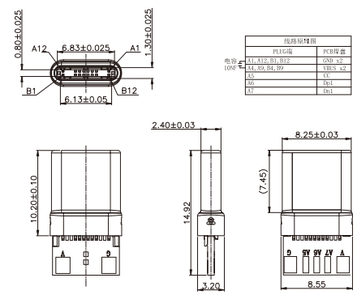
电阻 56K

NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

16PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE C TO TYPE C, L*W*H=14.92*8.55*3.2mm

CM16003-02





线路原理图	
PLUG端	PCB焊盘
A1, A12, B1, B12	GND x2
A4, A9, B4, B9	VBUS x2
A5	CC
A6	Dp1
A7	Dn1

电容 10NF

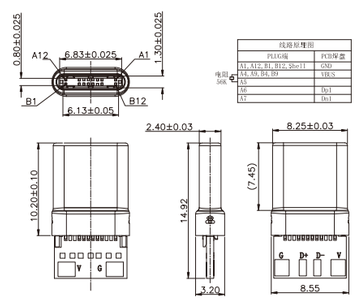
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C MALE SERIES

12PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE A TO TYPE C, WITH EMI, L*W*H=14.92*8.55*3.2mm

CM12001-02





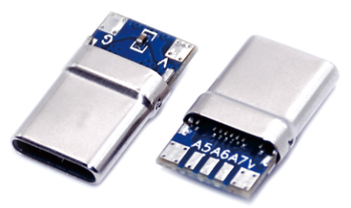
线路原理图	
PLUG端	PCB焊盘
A1, A12, B1, B12, Shell	GND
A4, A9, B4, B9	VBUS
A5	CC
A6	Dp1
A7	Dn1

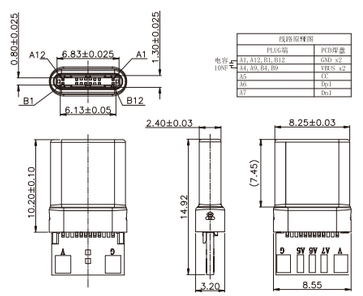
电容 56K

NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

12PIN PLUG WITH PCB SUPPORTS USB2.0 TYPE C TO TYPE C, WITH EMI, L*W*H=14.92*8.55*3.2mm

CM12002-02





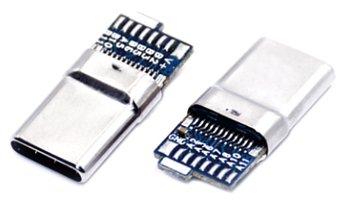
线路原理图	
PLUG端	PCB焊盘
A1, A12, B1, B12	GND x2
A4, A9, B4, B9	VBUS x2
A5	CC
A6	Dp1
A7	Dn1

电容 10NF

NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH PCB SUPPORTS USB3.1 TYPE C TO TYPE C, L*W*H=18.7*8.55*3.78mm

CM140-24-97



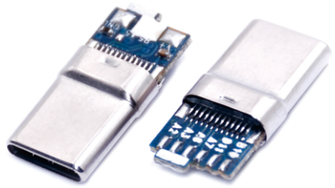
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

Goldconn®

USB TYPE-C MALE SERIES

24PIN PLUG WITH PCB SUPPORTS USB3.0 TYPE A TO TYPE C, L*W*H=18.4*8.5*3.7mm

CM141-24-97



NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH PCB SUPPORTS USB3.1 TYPE C TO TYPE C, L*W*H=19.05*9.3*3.7mm

CM148-24-97

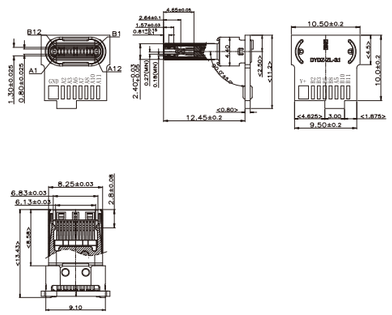


NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

24PIN PLUG WITH VERTICAL PCB SUPPORTS USB3.1 FULL FUNCTION, L*W*H=13.43*10.5*4.4mm

CM524-030-97



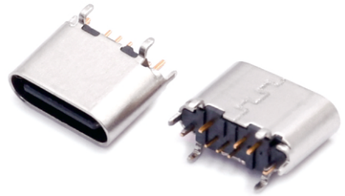


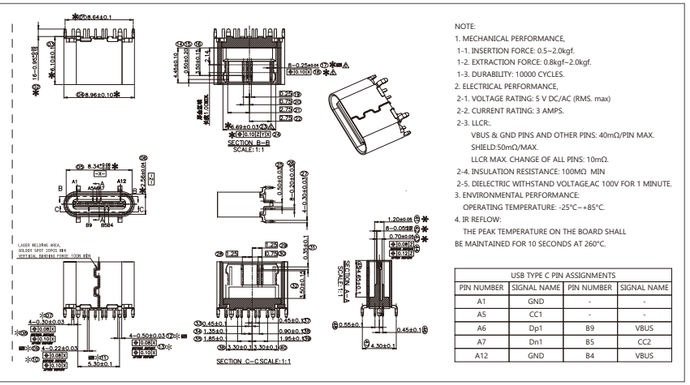
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 20 V DC/AC (RMS. max)
 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C FEMALE 8 PIN SERIES

VERTICAL MOUNT, SMT, CH=1.68mm, L*W*H=6.1*8.96*3.16mm, SOLDER TAB=0.95mm

CF08001





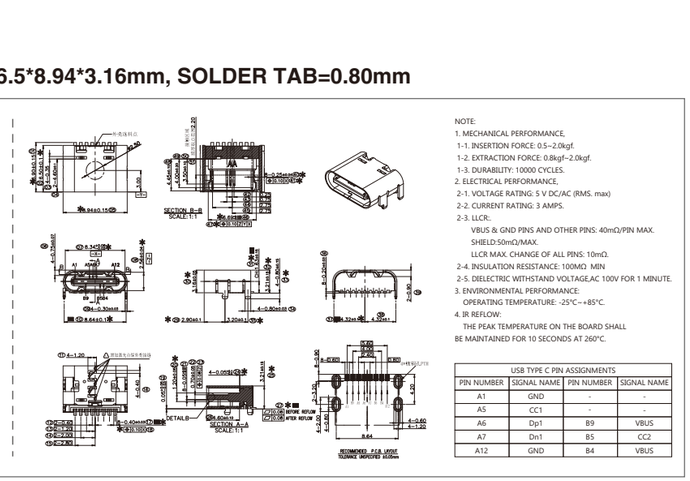
NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	-	-
A5	CC1	-	-
A6	Dp1	B9	VBUS
A7	Dn1	B5	CC2
A12	GND	B4	VBUS

TOP-MOUNT, SMT, CH=1.63mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=0.80mm

CF08002





NOTE:
1. MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

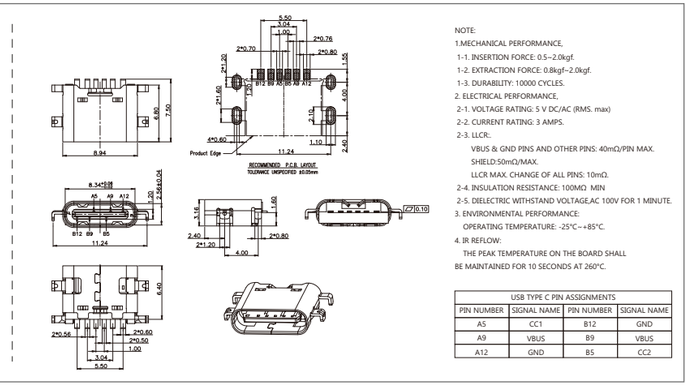
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	-	-
A5	CC1	-	-
A6	Dp1	B9	VBUS
A7	Dn1	B5	CC2
A12	GND	B4	VBUS

USB TYPE-C FEMALE 6 PIN SERIES

MID-MOUNT SINK 1.6mm, CH=0.02mm, L*W*H=6.8*8.94*3.16mm, SOLDER TAB=1.15mm

CF227-06-99





NOTE:
1.MECHANICAL PERFORMANCE,
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
 2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
 2-2. CURRENT RATING: 3 AMPS.
 2-3. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD:50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-4. INSULATION RESISTANCE: 100MΩ MIN
 2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

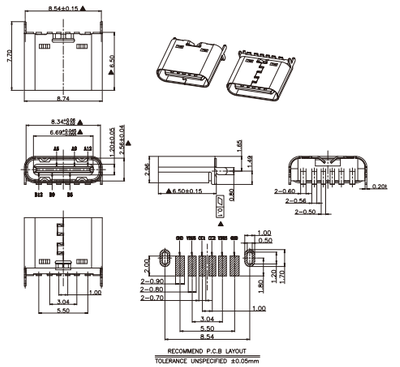
Goldconn®

USB TYPE-C FEMALE 6 PIN SERIES

VERTICAL, SMT, H=6.5mm, L*W*H=6.5*8.74*2.96mm, SOLDER TAB=1.20mm

CF165-06-02



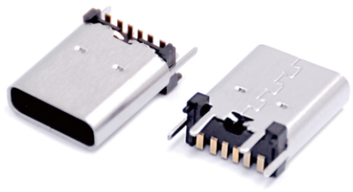


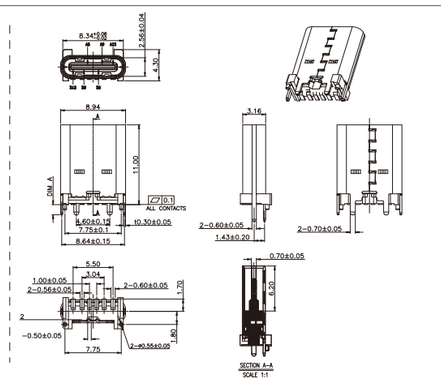
NOTE:
1.MECHANICAL PERFORMANCE,
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
2-2. CURRENT RATING: 3 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

VERTICAL, SMT, H=11.0mm, L*W*H=11.0*8.94*3.16mm, SOLDER TAB=2.30mm

CF106-002-02



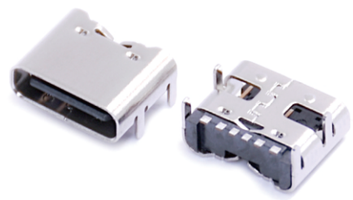


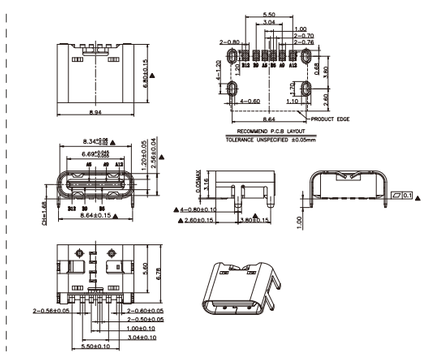
NOTE:
1.MECHANICAL PERFORMANCE,
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
2-2. CURRENT RATING: 3 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

TOP-MOUNT, SMT, RIGHT-ANGLE,CH=1.68mm, L*W*H=6.8*8.94*3.16mm, SOLDER TAB=1.00mm

CF109-06-02





NOTE:
1.MECHANICAL PERFORMANCE,
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
2-2. CURRENT RATING: 3 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

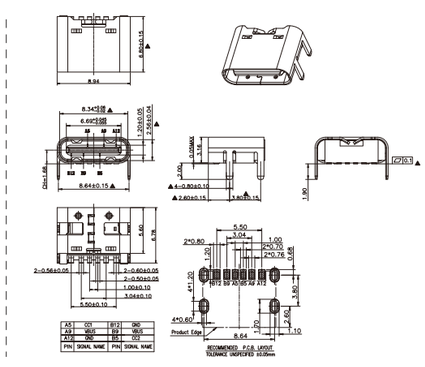
USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

USB TYPE-C FEMALE 6 PIN SERIES

TOP-MOUNT, SMT, RIGHT-ANGLE,CH=1.68mm, L*W*H=6.8*8.94*3.16mm, SOLDER TAB=2.00mm

Z-CF039-02



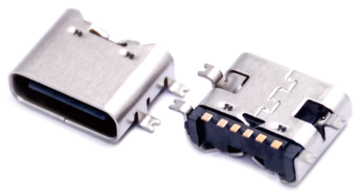


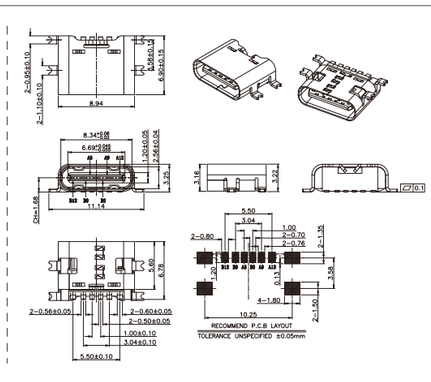
NOTE:
1.MECHANICAL PERFORMANCE,
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
2-2. CURRENT RATING: 3 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

TOP-MOUNT, FULL SMT, RIGHT-ANGLE,CH=1.68mm, L*W*H=6.9*8.94*3.16mm

CF206-002-02



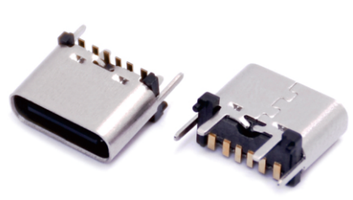


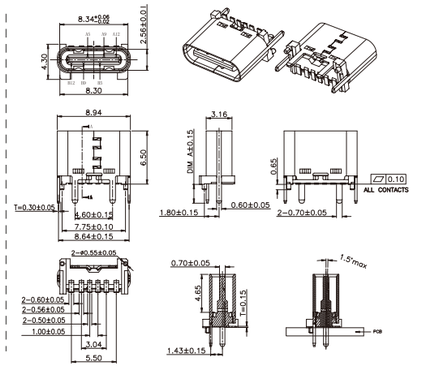
NOTE:
1.MECHANICAL PERFORMANCE,
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
2-2. CURRENT RATING: 3 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

VERTICAL, SMT, H=6.5mm, L*W*H=6.5*8.94*3.16mm, SOLDER TAB=2.3mm/1.7mm/0.7mm OPTIONAL

CF279-06-01





NOTE:
1.MECHANICAL PERFORMANCE,
1-1. INSERTION FORCE: 0.5~2.0kgf.
1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf.
1-3. DURABILITY: 10000 CYCLES.
2. ELECTRICAL PERFORMANCE,
2-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
2-2. CURRENT RATING: 3 AMPS.
2-3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
2-4. INSULATION RESISTANCE: 100MΩ MIN
2-5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2