

REV	ECN No.	DATE	REMARK
A	NEW	2024.04.25	NEW RELEASE

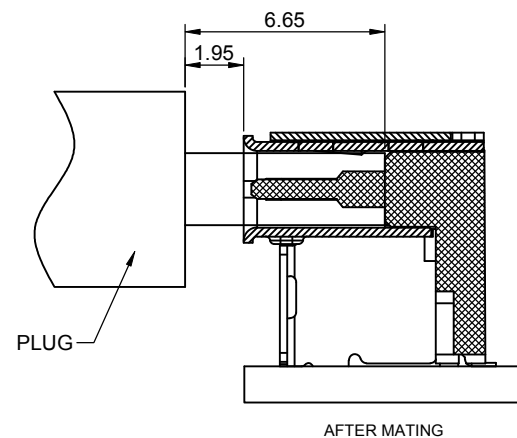
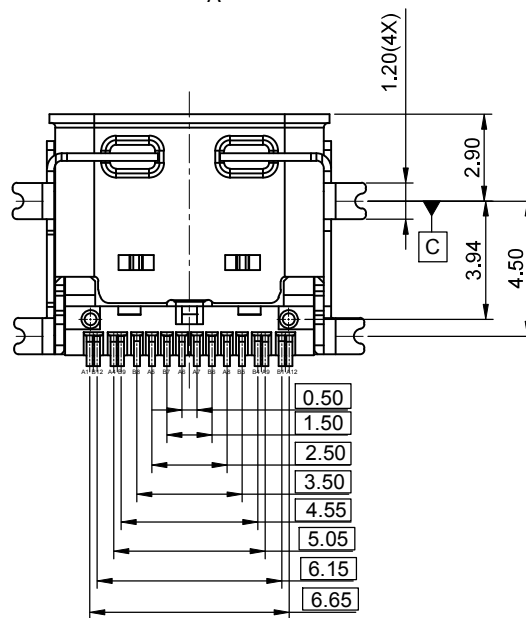
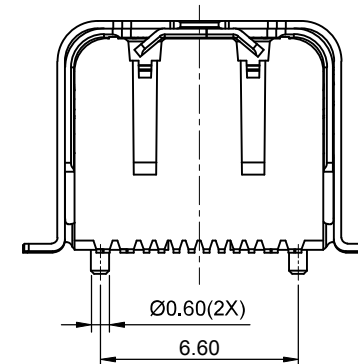
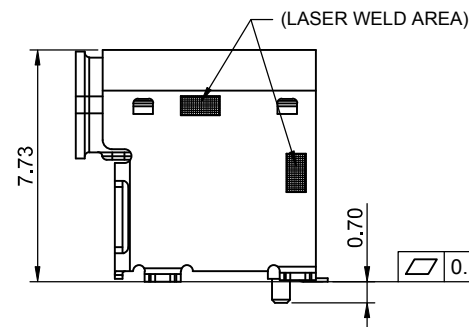
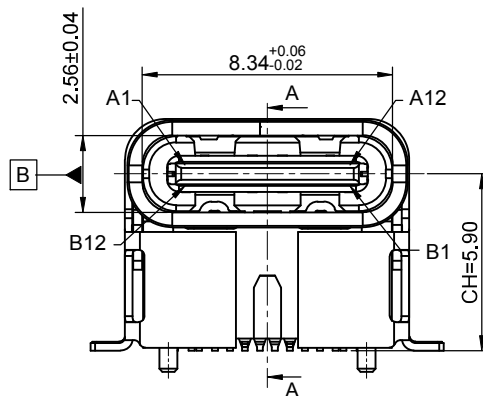
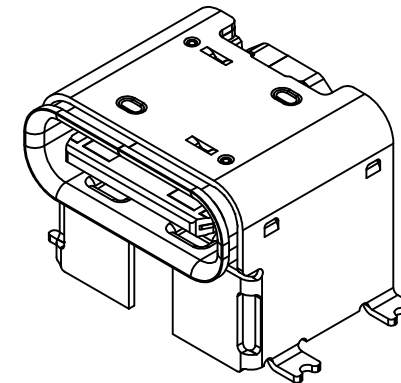
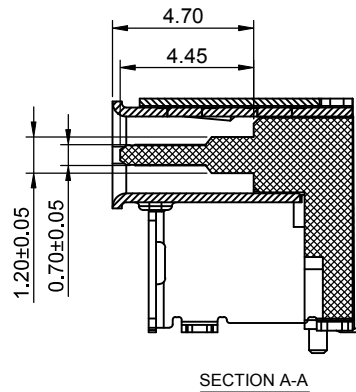
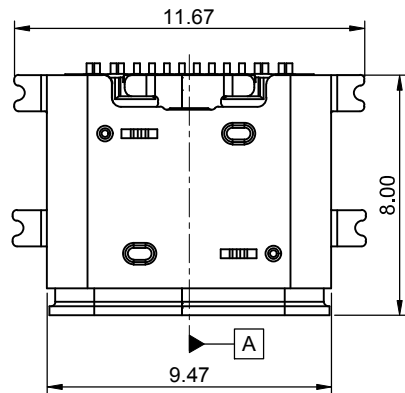
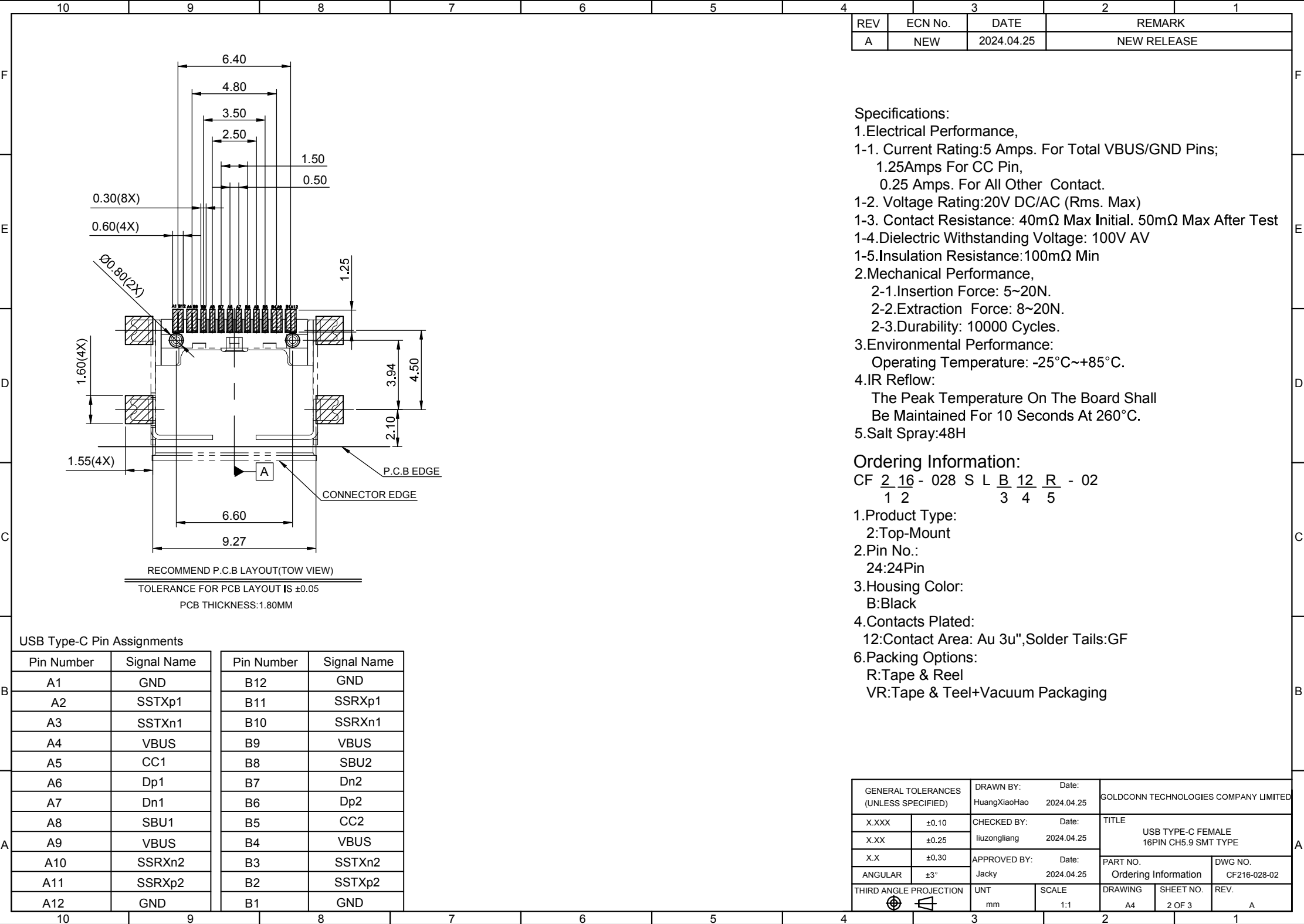


Table:

5	INNER SHELL	1PCS	Stainless Steel SUS304 T=0.30mm	NI 30u"MIN Plated	
4	OUTER SHELL	1PCS	Stainless Steel SUS301 T=0.25mm	NI 30u"MIN Plated	
3	Mid Plate	1PCS	Stainless Steel SUS301 T=0.15mm	---	
2	Contact	16PCS	Copper Alloy C18400 T=0.12mm	Au Plated On Vcontact Area GF Plated On Solder Area; Nickel 50u"Min Under Plating Over All.	
1	Housing	1PCS	High Temperature Plastic LCP	UL94V-0 Black	
NO.	Description	QTY	Material	Remarks	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: Date: HuangXiaoHao 2024.10.10		GOLDCONN TECHNOLOGIES COMPANY LIMITED	
X.XXX	±0.10	CHECKED BY: Date: liuzongliang 2024.10.10		TITLE USB TYPE-C FEMALE 16PIN CH5.9 SMT TYPE	
X.XX	±0.25	APPROVED BY: Date: Jacky 2024.10.10			
X.X	±0.30	THIRD ANGLE PROJECTION		PART NO.	DWG NO.
ANGULAR	±3°			Ordering Information	
		UNT	SCALE	DRAWING	SHEET NO.
		mm	1:1	A4	1 OF 3
				REV.	
				A	



Specifications:

- 1.Electrical Performance,
 - 1-1. Current Rating:5 Amps. For Total VBUS/GND Pins;
1.25Amps For CC Pin,
0.25 Amps. For All Other Contact.
 - 1-2. Voltage Rating:20V DC/AC (Rms. Max)
 - 1-3. Contact Resistance: 40mΩ Max Initial. 50mΩ Max After Test
 - 1-4.Dielectric Withstanding Voltage: 100V AV
 - 1-5.Insulation Resistance:100mΩ Min
- 2.Mechanical Performance,
 - 2-1.Insertion Force: 5~20N.
 - 2-2.Extraction Force: 8~20N.
 - 2-3.Durability: 10000 Cycles.
- 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.
- 5.Salt Spray:48H

Ordering Information:

CF 2 16 - 028 S L B 12 R - 02
1 2 3 4 5

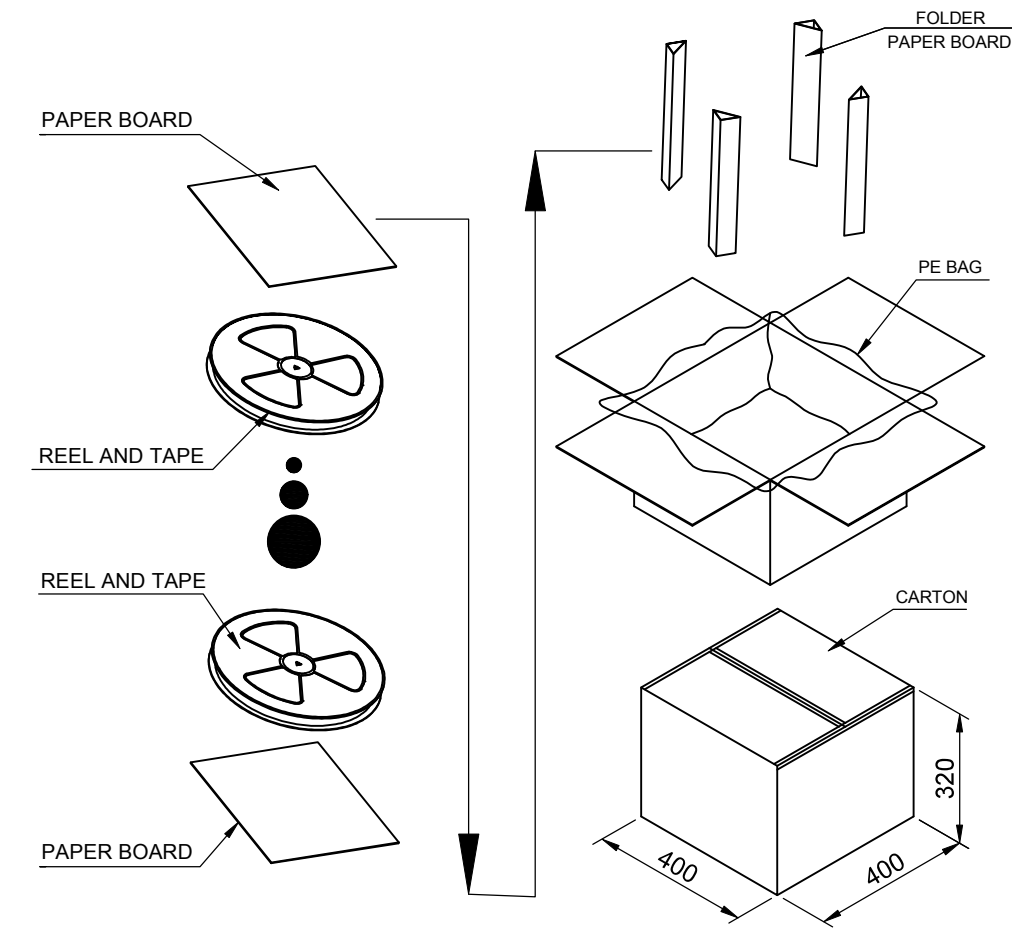
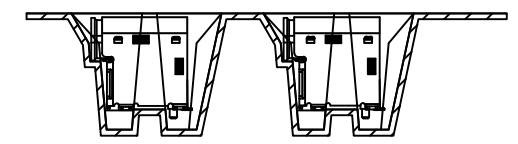
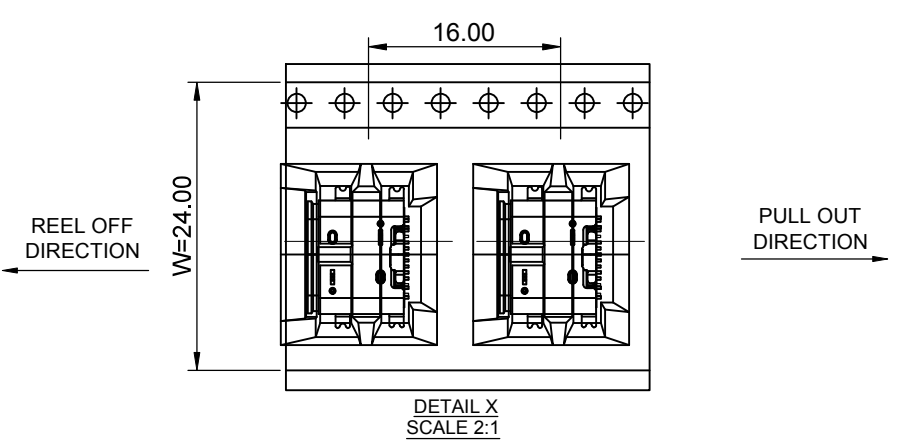
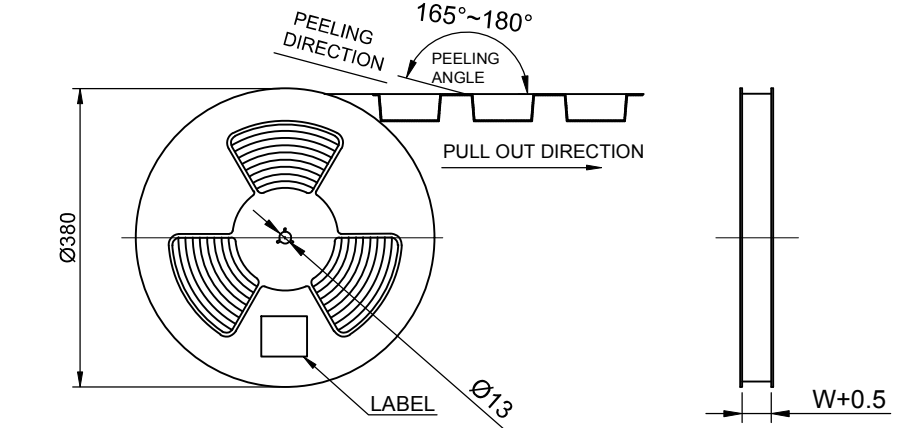
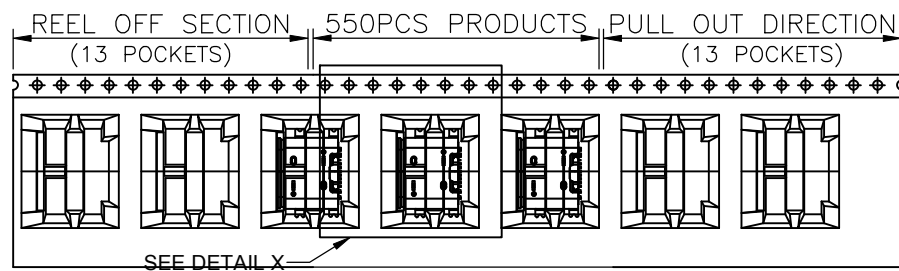
- 1.Product Type:
2:Top-Mount
- 2.Pin No.:
24:24Pin
- 3.Housing Color:
B:Black
- 4.Contacts Plated:
12:Contact Area: Au 3u",Solder Tails:GF
- 6.Packing Options:
R:Tape & Reel
VR:Tape & Teel+Vacuum Packaging

USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: Date: HuangXiaoHao 2024.04.25		GOLDCONN TECHNOLOGIES COMPANY LIMITED		
X.XXX	±0.10	CHECKED BY: Date: liuzongliang 2024.04.25		TITLE USB TYPE-C FEMALE 16PIN CH5.9 SMT TYPE		
X.XX	±0.25					
X.X	±0.30	APPROVED BY: Date: Jacky 2024.04.25		PART NO. Ordering Information		DWG NO. CF216-028-02
ANGULAR ±3°						
THIRD ANGLE PROJECTION		UNT	SCALE	DRAWING	SHEET NO.	REV.
		mm	1:1	A4	2 OF 3	A

REV	ECN No.	DATE	REMARK
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CONNECTOR (PCS)		REEL	CARTON
		550	5500
GENERAL TOLERANCES (UNLESS SPECIFIED)		GOLDCONN TECHNOLOGIES COMPANY LIMITED	
X.XXX	±0.10	TITLE USB TYPE-C FEMALE 16PIN CH5.9 SMT TYPE	
X.XX	±0.25		
X.X	±0.30	PART NO. Ordering Information	
ANGULAR	±3°		
THIRD ANGLE PROJECTION		DRAWING A4	DWG NO. CF216-028-02
UNT mm		SCALE 1:1	SHEET NO. 3 OF 3
			REV. A