

REV	ECN No.	DATE	REMARK
A	NEW	2020.11.25	新版发行
B	---	2023.04.23	整理图面
C	---	2024.02.28	增加3U TID No.

NOTE:

- ELECTRICAL PERFORMANCE,
 - CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
 - VOLTAGE RATING:20V DC/AC (RMS. MAX)
 - CONTACT RESISTANCE: 40MΩ MAX INITIAL.
50MΩ MAX AFTER TEST
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
 - INSULATION RESISTANCE:100MΩ MIN
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 5~20N.
 - EXTRACTION FORCE: 8~20N.
 - DURABILITY: 10000 CYCLES.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- COMPLIANCE WITH ROHS& HF REQUIREMENTS.
- SALT SPRAY:48H

Pin Definition:

PIN No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
PIN No.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND

TABLE:

7	SHELL	1	SUS304 T=0.30	Ni 30u" MIN. UNDER PLATED OVER ALL
6	EMI	1	SUS304 T=0.10	Ni 30u" MIN. UNDER PLATED OVER ALL
5	SHIELDING PLATE	1	SUS301 T=0.15	Ni 30u" MIN. UNDER PLATED OVER ALL. Sn 80u"MIN. PLATED OVER ALL
4	INSULATOR 2	1	LCP/PA6T UL94V-0	COLOR:BLACK
3	INSULATOR 1	1	LCP/PA6T UL94V-0	COLOR:BLACK
2	Down CONTACT	12	C18400 T=0.12	Ni 50u" MIN. UNDER PLATED OVER ALL
1	TOP CONTACT	12	C18400 T=0.12	Au PLATED ON CONTACT,6F/Sn PLATED ON SOLDERING
No.	PART NAME	Q'TY	MATERIAL	FINISH
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao		Date: 2024.02.28
X.XXX		±0.10	CHECKED BY: liuzongliang	
X.XX		±0.25	Date: 2024.02.28	
X.X		±0.30	APPROVED BY: Jacky	
ANGULAR		±3'	Date: 2024.02.28	
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	DRAWING A4
				SHEET NO. 1 OF 2
				DWG NO. ED-UC-009



