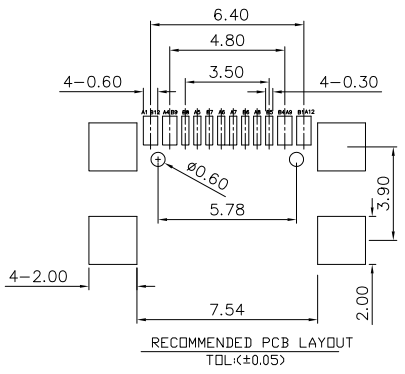
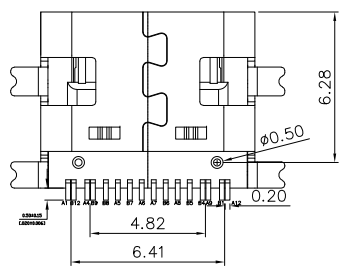
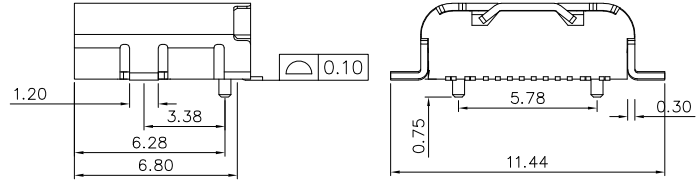
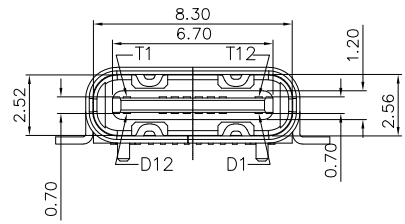
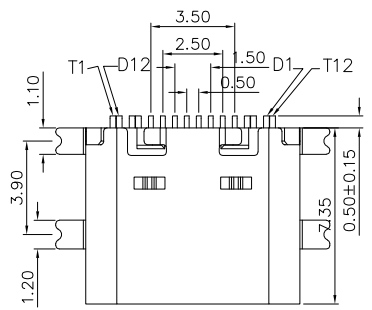


NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - GOLD FLASH PLATING ON SOLDER AREA
 - 2-2.FRONT SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 5000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 - 4-1. CURRENT RATING: 3A
VOLTAGE RATING: 20V AC
 - 4-2.INSULATION RESISTANCE: 100MΩ MIN
 - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 5. ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -30°C~+80°C.
- 6.IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C 16PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



Champyang International Ltd., Co

AO	RELEASED	Allen	2022-02-16
REV	DESCRIPTION.	APPD.	Date

FILE NO : AUC03 (Series)	TITLE 圖名	USB 3.1 SMD Type 16pin Female 板上四腳貼板		UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm ± 0.10 mm 0.00 mm ± 0.25 mm 0.0 mm ± 0.30 mm	PART NO. 料號	AUC03-0116-F41-S-E		SCALE 比例	1:1
	DRAWN BY 製圖	Ray	DATE 日期	2022-02-16	REV. 版本
	CHECKED BY 審核	Allen	DATE 日期	2022-02-16	A.1