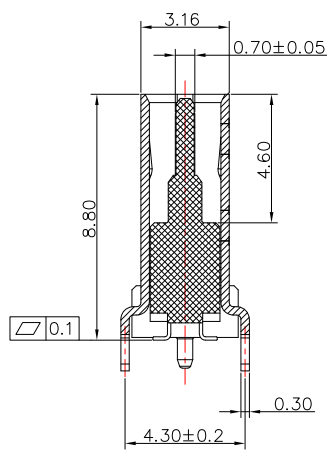
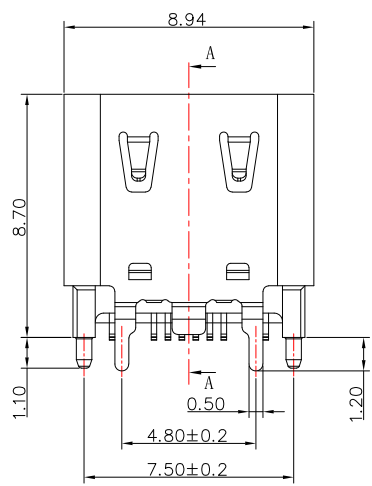
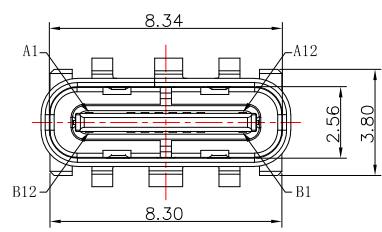




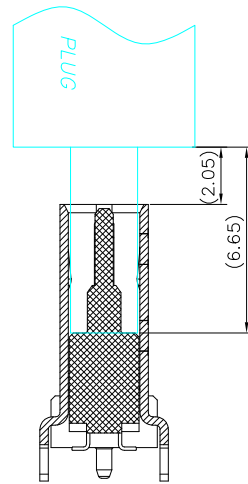
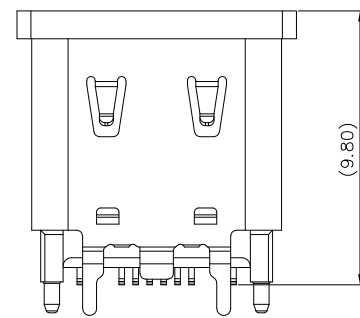
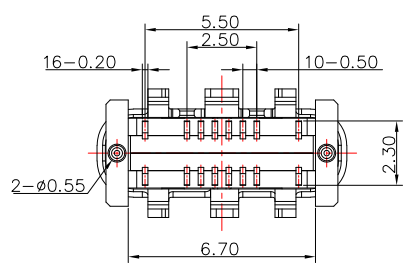
SBC-160VS8-20x-S338

鍍層厚度:

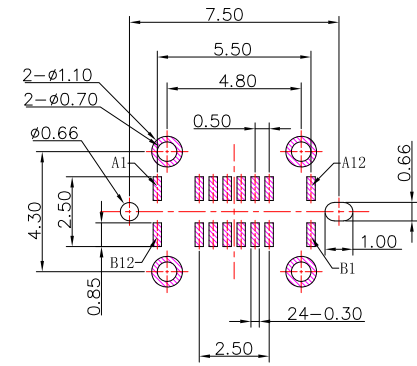
Blank : 1u"
2 : 15u"
3 : 30u"



SECTION A-A
SCALE 1:1



AFTER MATING



P.C.B. LAYOUT

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A12	GND	Ground return	B1	GND	Ground return

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0V ; 5.0A
- 2.Dielectric Withstand Voltage: 100V AC
- 3.Contact Resistance: 40 mΩ Max
- 4.Insulation Resistance: 100 MΩ Min

Mechanical:

- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: LCP
 - 2.Contact: C7025
 - 3.Shell: SUS
- ### Finish:
- 1.Contact: Plated Gold in Mating Area ; Gold Plated on Solder Balls ; Nickel under plated overall
 - 2.Shell: Nickel under Plated surface layer



1	更新料號	Jack	070126
ITEM NO.	DESCRIPTION	DRAWN	DATE

TOLERANCE UNLESS OTHERWISE STATED :	Up to 5 ±0.2 Above 5 ~ 15 ±0.3 Above 15 ~ 30 ±0.4 Above 30 ~ 50 ±0.5 Angle ±0.3	3RD. ANGEL'S	UNITS	MM
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DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	07/01/26	FINISH	MODLE	TYPE C 16P 180 度 SMT 帶定位柱 H8.80 外殼腳距4.80mm
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-160VS8-20x-S338
Jacky Chen	07/01/26	1 : 1	PART NO.	SBC-160VS8-20x-S338
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	07/01/26			