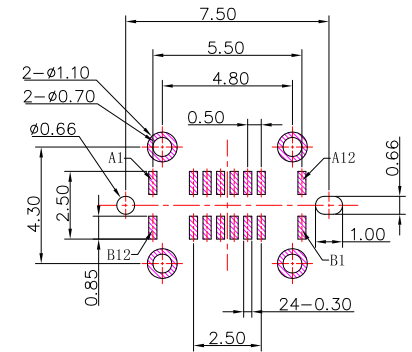
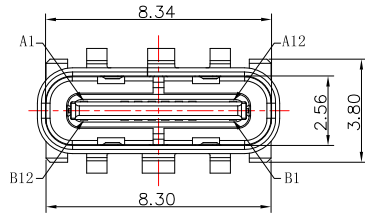




SBC-160VSE8-20x-S338

鍍層厚度:

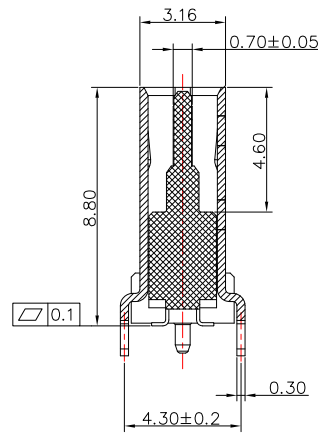
Blank : 1u"
2 : 15u"
3 : 30u"



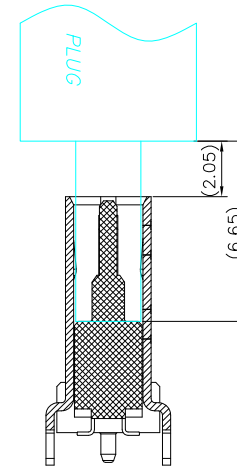
P.C.B. LAYOUT

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

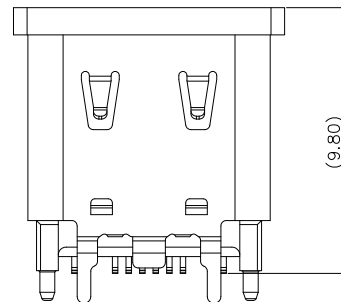
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SRU2	Sideband Use (SRU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dm2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dm1	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	SRU1	Sideband Use (SRU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A12	GND	Ground return	B1	GND	Ground return



SECTION A-A
SCALE 1:1



AFTER MATING



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



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

DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao

DATE: 12/26/23
DATE: 12/26/23
DATE: 12/26/23

MAT'L
FINISH
SCALE
SHEET NO.

TITLE: CONNECTOR
MODLE: TYPE C 16P 180 度 SMT 帶定位柱 H8.80 外殼腳距4.80mm
DWG NO. SBC-160VSE8-20x-S338
PART NO. SBC-160VSE8-20x-S338

SIZE: A4
VER: R