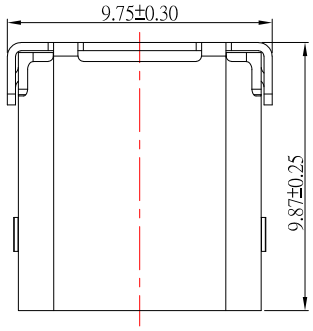
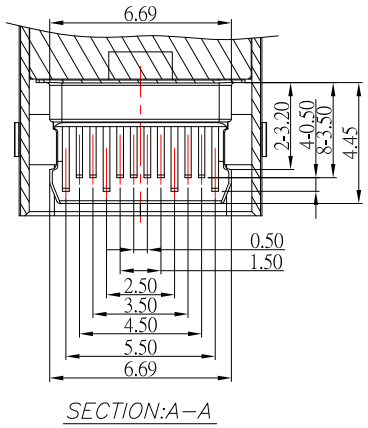


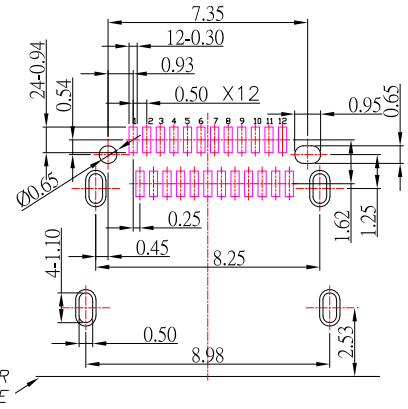


SECTION:A-A

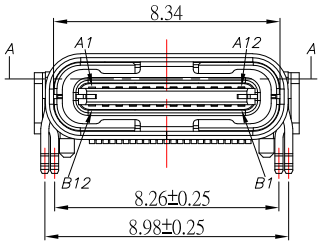
SBC-240S58-45x-S338

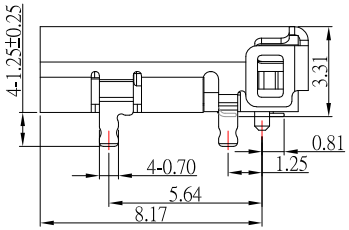
鍍層厚度 :

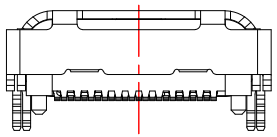
Blank : 1u"
2 : 15u"
3 : 30u"

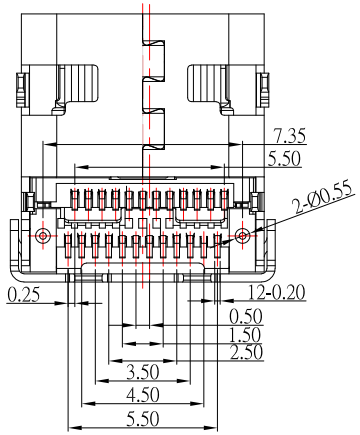


P.C.B LAYOUT









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
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
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
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

SPECIFICATIONS

Electrical:

1.Rating: 5.0A

2.Contact Resistance: 40 mΩ Max

3.Insulation Resistance: 100 MΩ Min

4.Dielectric Withstanding Voltage: 100V AC

MATERIAL

1.Housing: PA9T,Black

2.Contact: C7025

3.Shell: SUS

Finish:

1.Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall

2.Shell: Nickel under Plated surface layer

ITEM NO.	DESCRIPTION	DRAWN	DATE

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

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	DATE 05/20/26	MAT'L	
CHECKED BY: Jacky Chen	DATE 05/20/26	FINISH	
APPROVED BY: Tony Kao	DATE 05/20/26	SCALE 1 : 1	SHEET NO. 1 of 1

TITLE	CONNECTOR
MODLE	USB 4.0 C TYPE 板上雙貼有柱 L9.87 H3.31mm 定位柱距離7.35mm GEN 3X2 40G
DWG NO.	SBC-240S58-45x-S338
PART NO.	SBC-240S58-45x-S338
SIZE	A4
VER	R