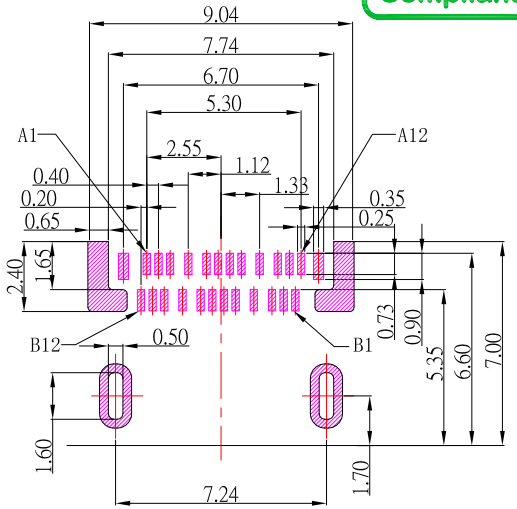




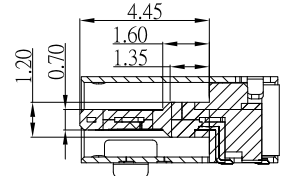
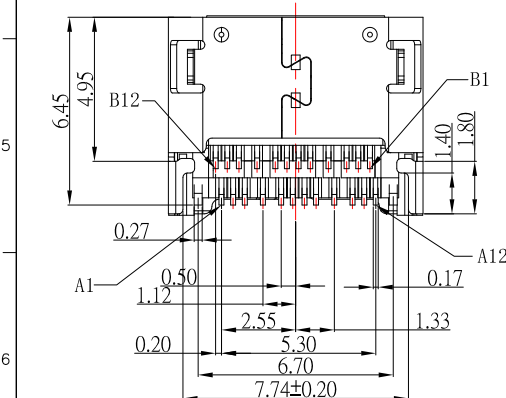
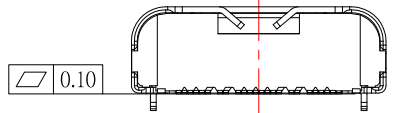
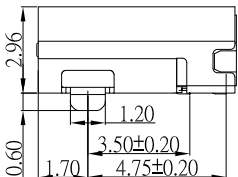
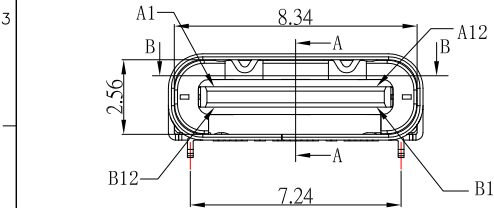
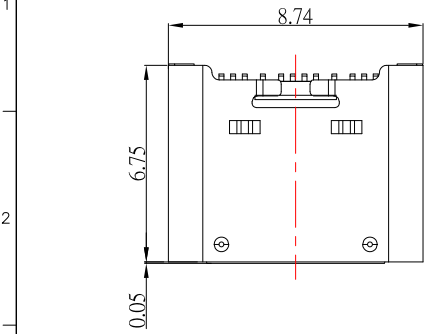
SBC-240S44-43x-S338

鍍層厚度:

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



P.C.B LAYOUT



SECTION A-A

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	SSRx2	Negative half of second SuperSpeed RX differential pair	B3	SSTx2	Negative half of second SuperSpeed TX differential pair
A11	SSRx2	Positive half of second SuperSpeed RX differential pair	B2	SSTx2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

SPECIFICATIONS

Electrical:

- Rating: 20V , 5.0A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC

Mechanical:

- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: LCP
- Contact: C7025
- Shell: SUS

Finish:

- Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
- Shell: Nickel under Plated surface layer

東莞市高迪電子有限公司
DONG GUAN GAO DI ELECTRONICS CO., LTD

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:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	03/20/24			
CHECKED BY:	DATE	FINISH	MODLE	USB 4.0 Gen2 TYPE C 母座板上雙貼 L6.75
Jacky Chen	03/20/24			
APPROVED BY:	DATE	SCALE	DWG NO.	SBC-240S44-43x-S338
Tony Kao	03/20/24	1 : 1	PART NO.	SBC-240S44-43x-S338
		SHEET NO.	1 of 1	