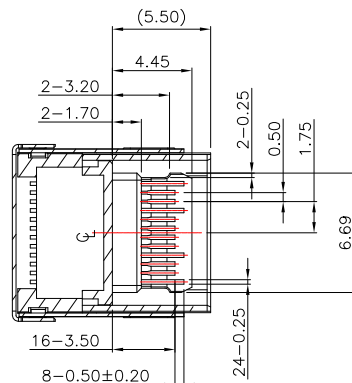
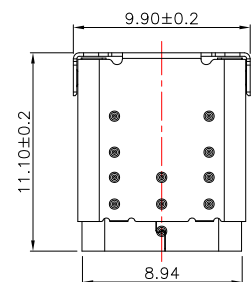
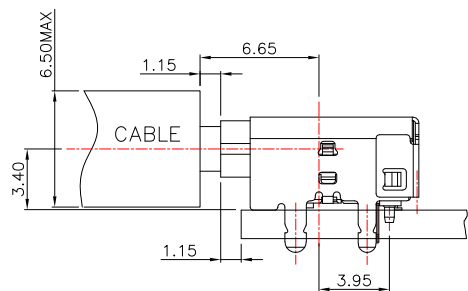
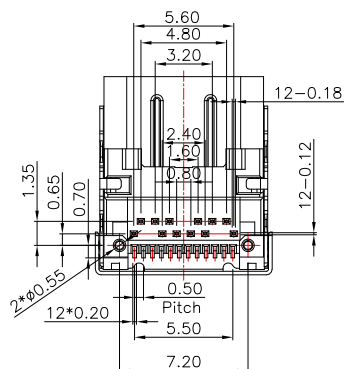
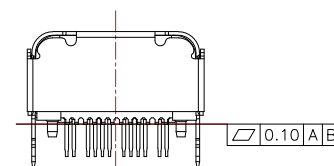
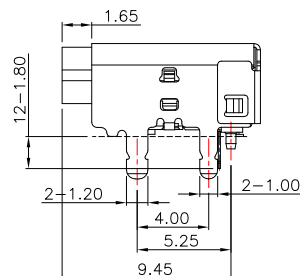
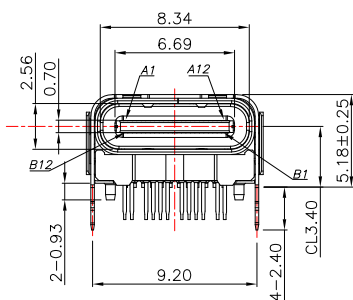




SECTION C-C
SCALE: 1:1

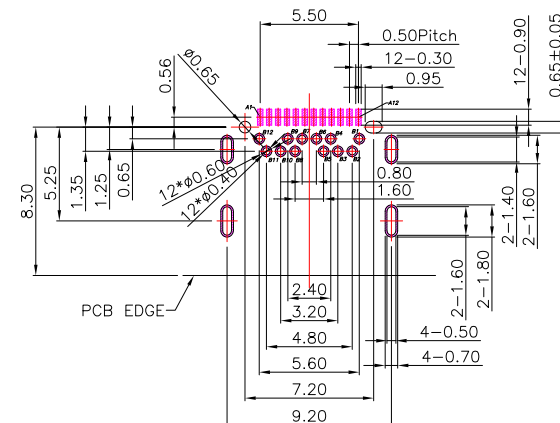


RECOMMENDED METHOD OF MATE
SCALE: 1:1

SBC-240S23-31x-S277

鍍層厚度:

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



P.C.B LAYOUT

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,Black
- Contact: C7025
- Shell: Stainless Steel

Finish:

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

Pin Assignments

Pin	Signal Name	Description	Mating Sequence	Pin	Signal Name	Description	Mating Sequence
A1	GND	Ground return	First	B12	GND	Ground return	First
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	Second	B11	SSRXp1	Negative half of first SuperSpeed RX differential pair	Second
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	Second	B10	SSRXn1	Positive half of first SuperSpeed RX differential pair	Second
A4	VBUS	Bus Power	First	B9	VBUS	Bus Power	First
A5	CC1	Configuration Channel	Second	B8	SBU2	Sideband Use	Second
A6	Dp1	Positive half of the USB2.0 differential pair-Position 1	Second	B7	Dn2	Negative half of the USB2.0 differential pair-Position 2	Second
A7	Dn1	Negative half of the USB2.0 differential pair-Position 1	Second	B6	Dp2	Positive half of the USB2.0 differential pair-Position 2	Second
A8	SBU1	Sideband Use	Second	B5	CC2	Configuration Channel	Second
A9	VBUS	Bus Power	First	B4	VBUS	Bus Power	First
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	Second	B3	SSTXp2	Positive half of second SuperSpeed TX differential pair	Second
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	Second	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair	Second
A12	GND	Ground return	First	B1	GND	Ground return	First

3	更新圖面	Jack	091526
2	更新Housing材質	Jack	060225
1	更新圖面樣式及材質	Jack	112621
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:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	09/15/26	FINISH	MODLE	USB 3.1 TYPE C 母座板上 L11.1 板上墊高 CL 3.4mm 長腳
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-240S23-31x-S277
Jacky Chen	09/15/26	1 : 1	PART NO.	SBC-240S23-31x-S277
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	09/15/26			