



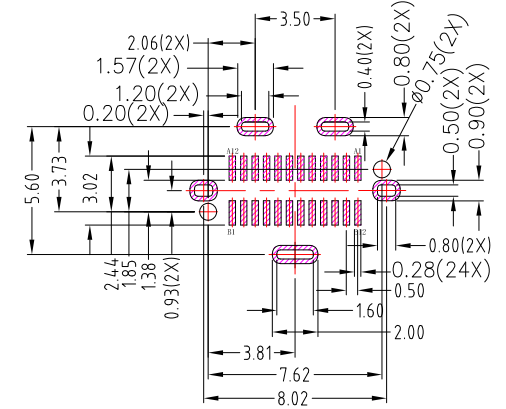
SBC-241VSE4-31x-S331

鍍層厚度:

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

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



P.C.B. LAYOUT

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:

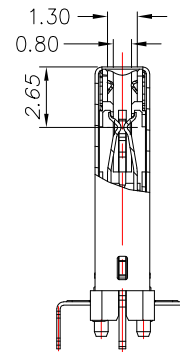
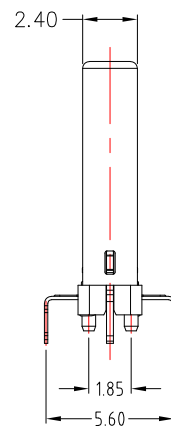
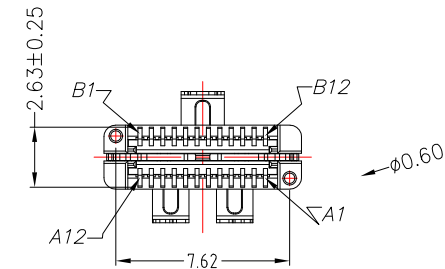
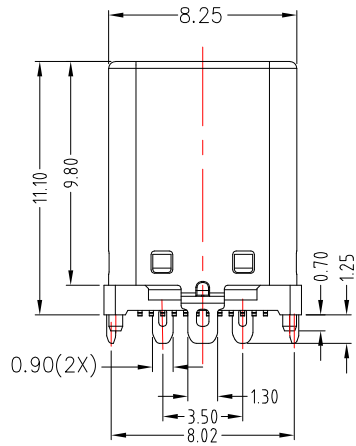
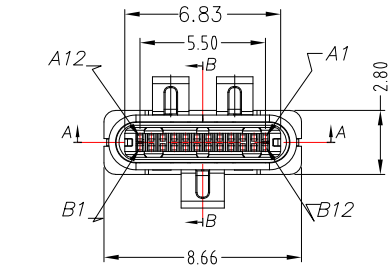
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

MATERIAL

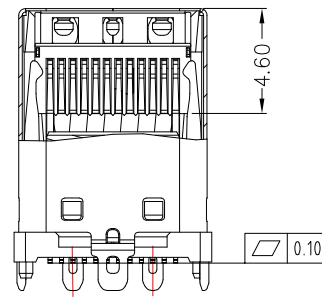
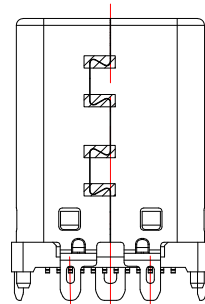
- 1.Housing: LCP
- 2.Contact: C7025
- 3.Shell: SUS

Finish:

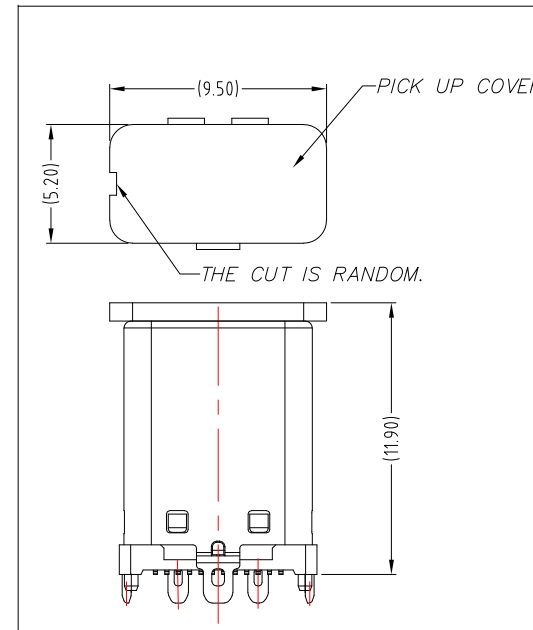
- 1.Contact: Plated Gold in Mating Area ;
Gold Plated on Solder Balls ;
Nickel under plated overall
- 2.Shell: Nickel under Plated surface layer



SECTION: B-B



SECTION: A-A



ITEM NO.	DESCRIPTION	DRAWN	DATE
4	更新圖面	Jack	042126
3	更新圖面	Jack	041923
2	更新圖面	Jack	091520
1	更新料號	Jack	051220

CONTACT		建倚科技股份有限公司	
TOLERANCE UNLESS OTHERWISE STATED :		CONTACT TECHNOLOGY CORP.	
Up to 5	±0.2	3RD. ANGEL'S	UNITS
Above 5 ~ 15	±0.3		MM
Above 15 ~ 30	±0.4		
Above 30 ~ 50	±0.5		
Angle	±0.3°		

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	04/21/26	FINISH	MODLE	TYPE C MALE VERTICAL H:11.1mm SMT TYPE
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-241VSE4-31x-S331
Jacky Chen	04/21/26	1 : 1	PART NO.	SBC-241VSE4-31x-S331
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	04/21/26			