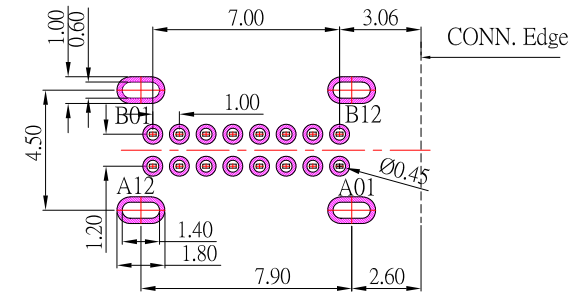
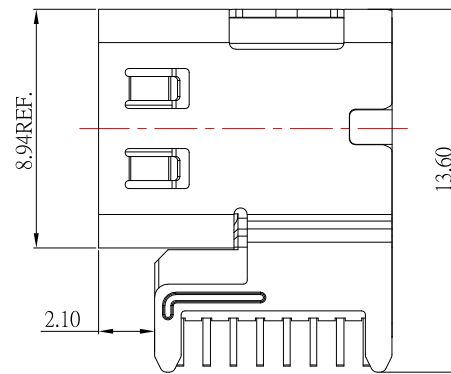
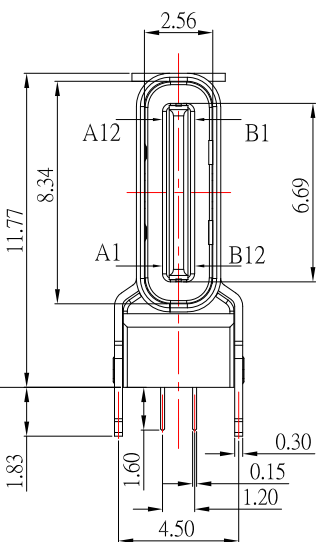
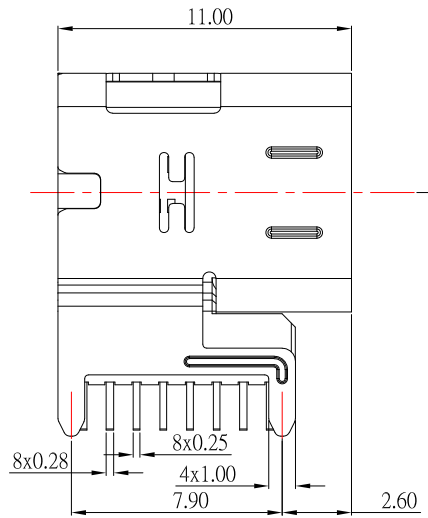
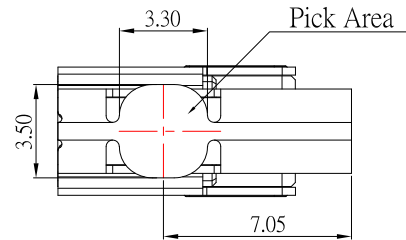




SBC-160P7-20x-S412

鍍層厚度:

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



P.C.B. LAYOUT TOP VIEW

A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0 A
- 2.Dielectric Withstand Voltage: 100V AC
- 3.Contact Resistance: 40 mΩ Max
- 4.Insulation Resistance: 100 MΩ Min

Mechanical:

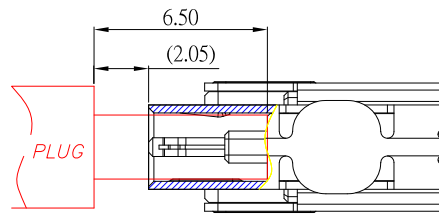
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: LCP
- 2.Contact: C18400
- 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



AFTER MATING

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
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DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	06/18/25	FINISH	MODLE	USB 3.1 侧插母座 16 PIN CH7.3
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-160P7-20x-S412
Jacky Chen	06/18/25	1 : 1	PART NO.	SBC-160P7-20x-S412
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	06/18/25			

ITEM NO.	DESCRIPTION	DRAWN	DATE
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