



SBC-160M12-20x-S242

鍍層厚度：

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

SPECIFICATIONS

Electrical:

- 1.Rating: 3.0 A
- 2.Dielectric Withstand Voltage: 100V AC
- 3.Contact Resistance: 40 mΩ Max
- 4.Insulation Resistance: 100 MΩ Min

Mechanical:

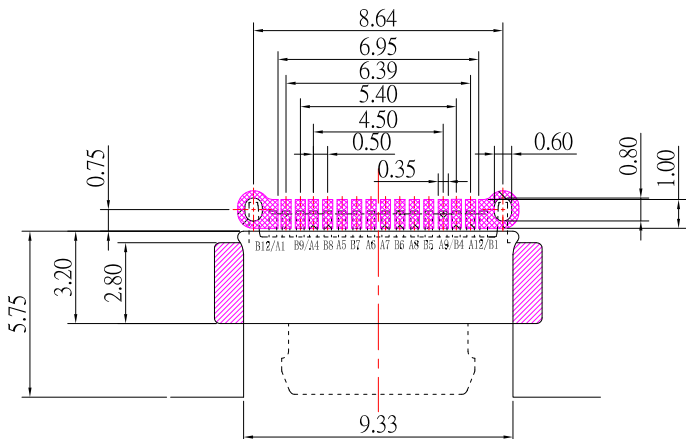
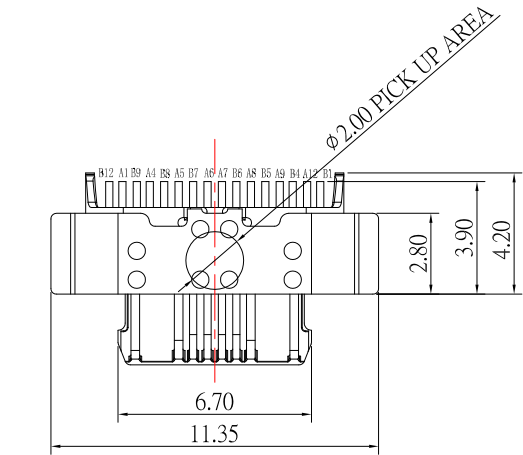
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

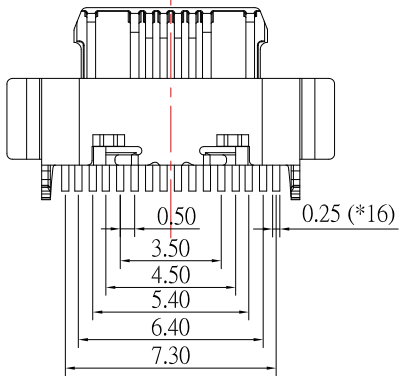
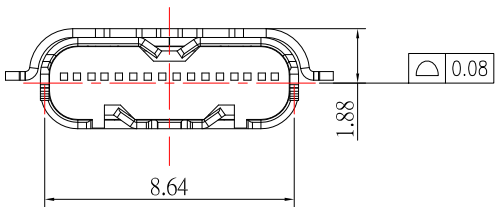
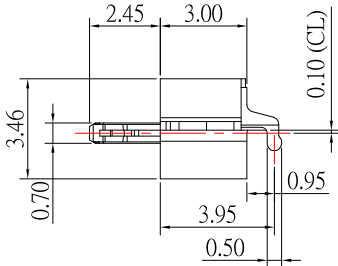
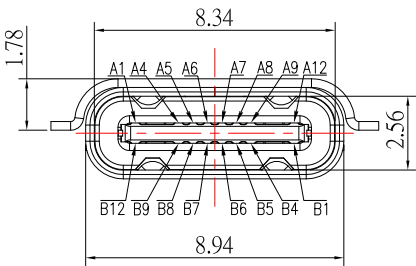
- 1.Housing: PA46
- 2.Contact: Copper Alloy
- 3.Shell: SUS

Finish:

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



RECOMMENDED P.C.B. LAYOUT



PIN	A1	A4	A5	A6	A7	A8	A9	A12
Signal Name	GND	V _{BUS}	CC1	Dp1	Dn1	SBU1	V _{BUS}	GND
PIN	B12	B9	B8	B7	B6	B5	B4	B1
Signal Name	GND	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	GND

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	11/23/20	MAT'L		TITLE	CONNECTOR
CHECKED BY:	Jacky Chen	DATE	11/23/20	FINISH		MODLE	USB C TYPE 2.0 母座沉板, 板上 H1.78mm
APPROVED BY:	Tony Kao	DATE	11/23/20	SCALE	1 : 1	DWG NO.	SBC-160M12-20x-S242
				SHEET NO.	1 of 1	PART NO.	SBC-160M12-20x-S242

SIZE
A4
VER
R