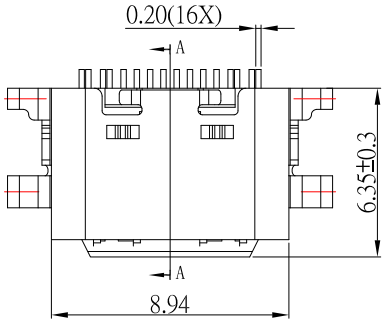
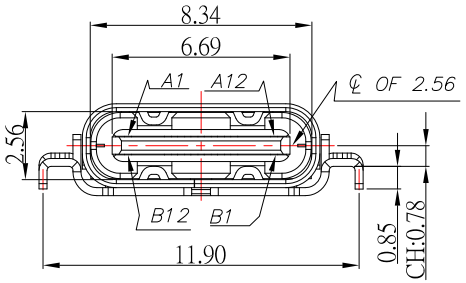
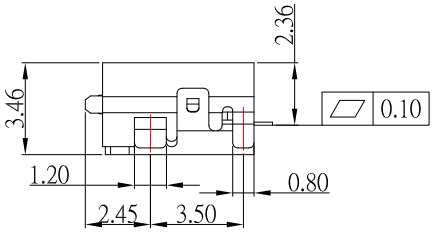
SBC-160M18H-20x-S331

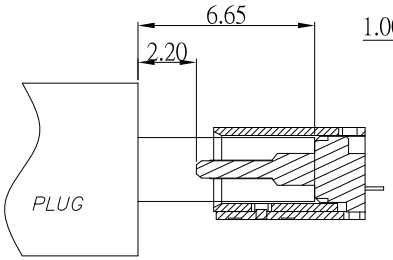
鍍層厚度 :

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

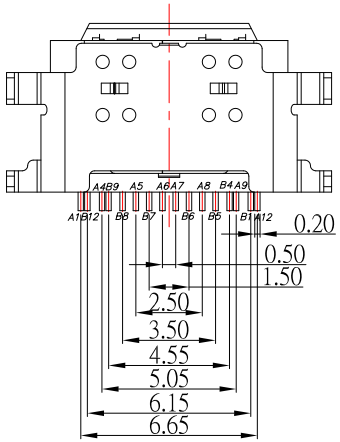


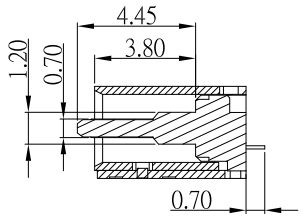






AFTER MATING

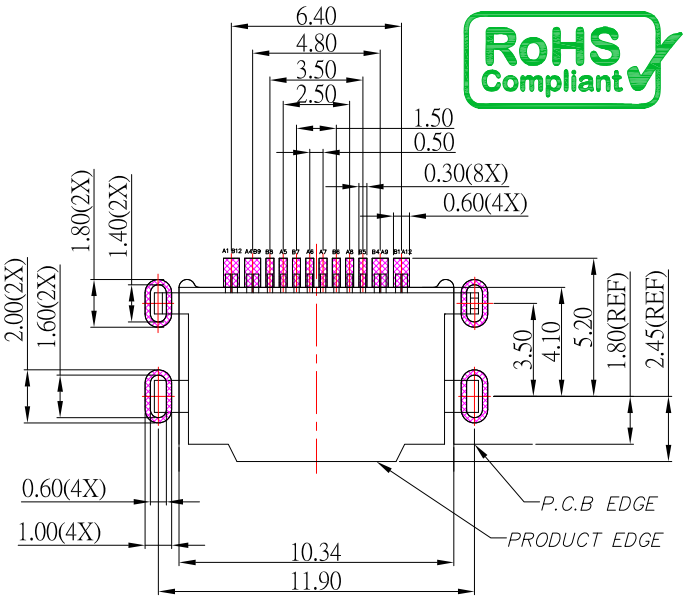




SECTION: A–A

USB TYPE–C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED P.C.B. LAYOUT

RoHS Compliant

SPECIFICATIONS

Electrical:

1.Rating: 5.0 V, 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: C18150

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

ITEM NO.	DESCRIPTION	DRAWN	DATE
1	新增CH尺寸	Jack	031623

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 03/16/23	MAT'L	
CHECKED BY: Jacky Chen	DATE 03/16/23	FINISH	
APPROVED BY: Tony Kao	DATE 03/16/23	SCALE 1 : 1	SHEET NO. 1 of 1

TITLE	CONNECTOR		
MODLE	USB TYPE C 2.0 沉板板上H2.36mm 高導電銅		
DWG NO.	SBC-160M18H-20x-S331	SIZE	A4
PART NO.	SBC-160M18H-20x-S331	VER	R1