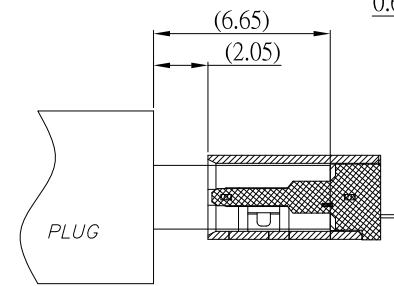
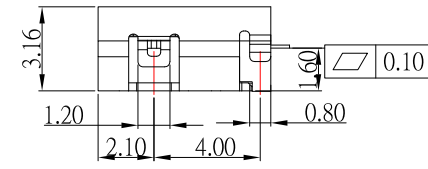
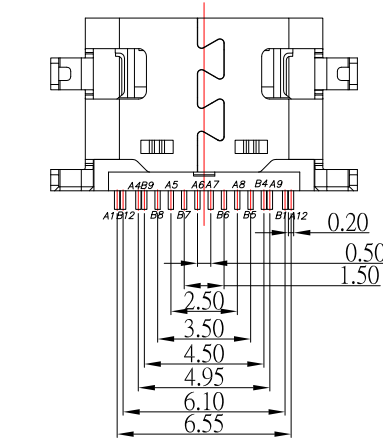
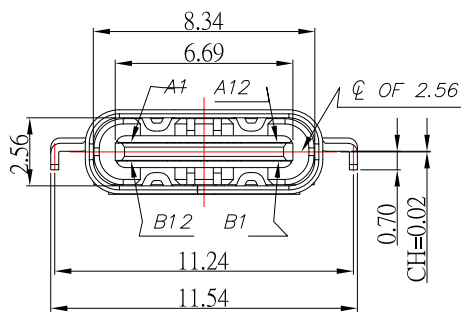
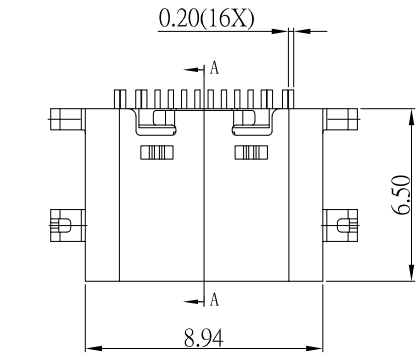




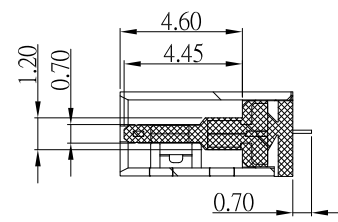
# SBC-160M2-20x-S412

鍍層厚度：

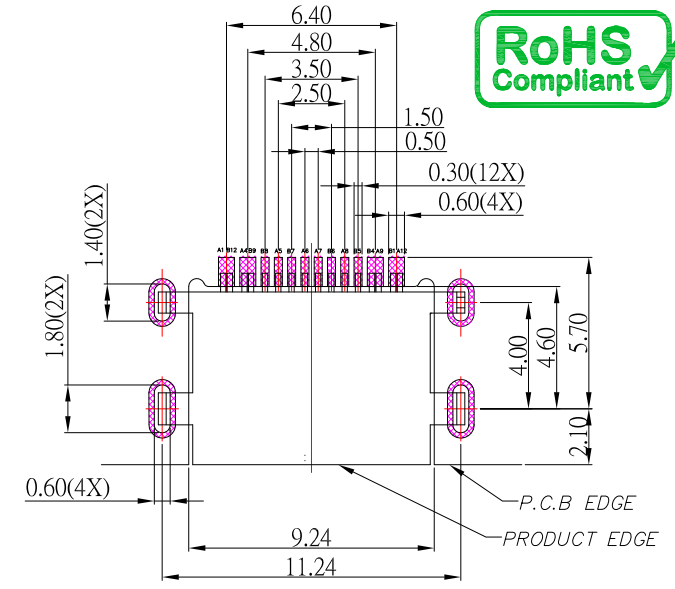
Blank : 1u"
2 : 15u"
3 : 30u"



AFTER MATING



SECTION: A-A



RECOMMENDED P.C.B. LAYOUT

## SPECIFICATIONS

- Electrical:**
- 1.Rating: 5.0 V, 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: 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

## 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



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	10/18/21			
CHECKED BY:	DATE	FINISH	MODLE	USB TYPE C 2.0 沉板上H1.56mm
Jacky Chen	10/18/21			
APPROVED BY:	DATE	SCALE	DWG NO.	SBC-160M2-20x-S412
Tony Kao	10/18/21	1 : 1	PART NO.	SBC-160M2-20x-S412
		SHEET NO.	1 of 1	
			SIZE	A4
			VER	R3

ITEM NO.	DESCRIPTION	DRAWN	DATE
3	更新鍍層	Jack	101821
2	更新材質	Jack	101521
1	更新MODLE	Jack	062320