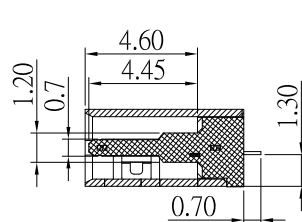
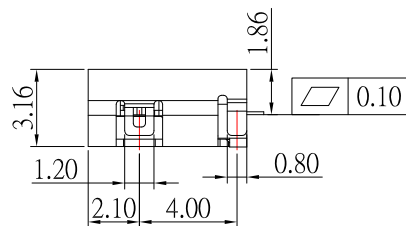
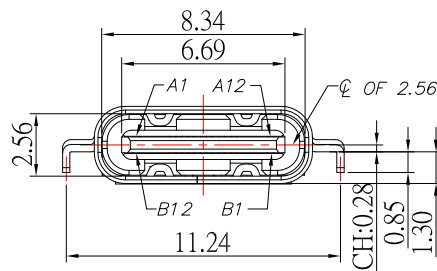
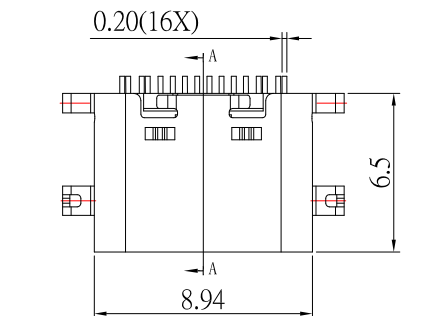




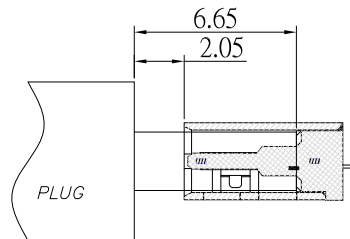
SBC-160M20H-20x-S331

鍍層厚度:

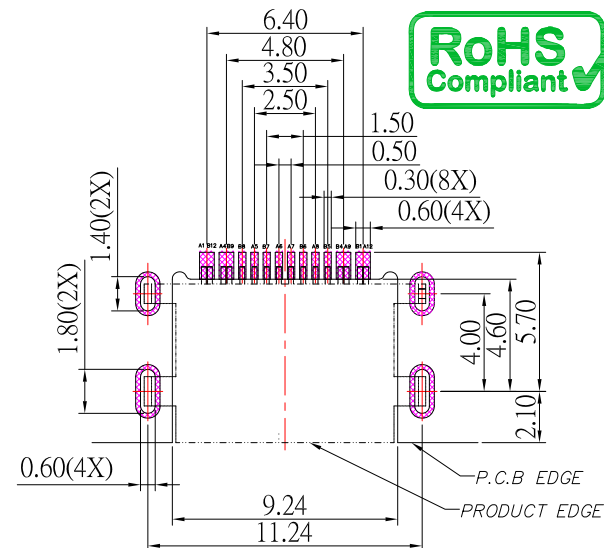
Blank : 1u"
2 : 15u"
3 : 30u"



SECTION: A-A



AFTER MATING



RECOMMENDED PCB LAYOUT

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

SPECIFICATIONS

Electrical:

- Rating: 5.0V , 5.0 A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min

Mechanical:

- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: LCP
- Contact: C18150
- Shell: SUS

Finish:

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



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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
Jack Lu	03/16/23
CHECKED BY:	DATE
Jacky Chen	03/16/23
APPROVED BY:	DATE
Tony Kao	03/16/23

MAT'L	TITLE	CONNECTOR
FINISH	MODLE	USB TYPE C 2.0 沉板上 1.8mm高導電銅
SCALE	DWG NO.	SBC-160M20H-20x-S331
SHEET NO.	PART NO.	SBC-160M20H-20x-S331

SIZE
A4
VER
R1

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