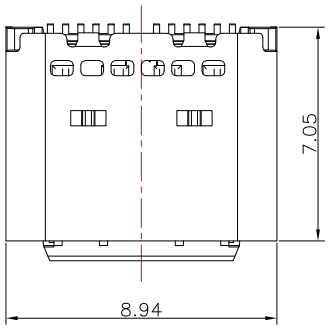
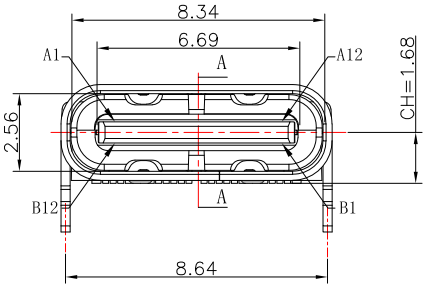
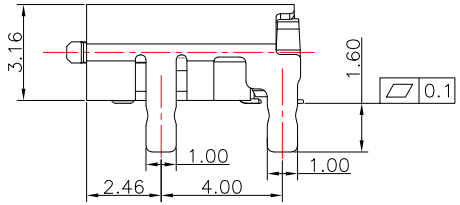
SBC-240S54-31x-S175

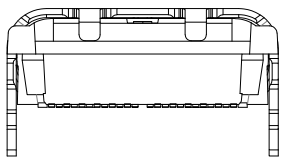
鍍層厚度 :

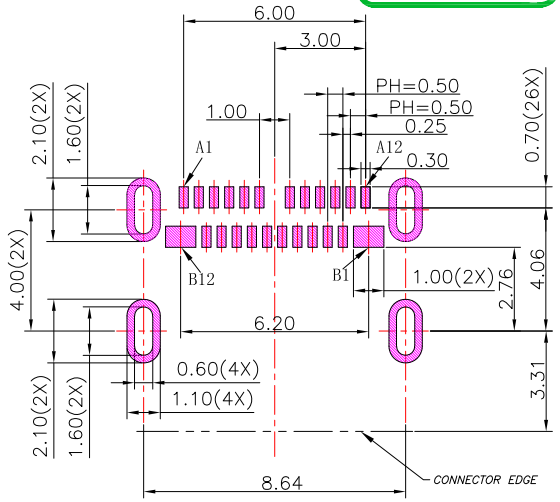
Blank : 1u"
2 : 15u"
3 : 30u"



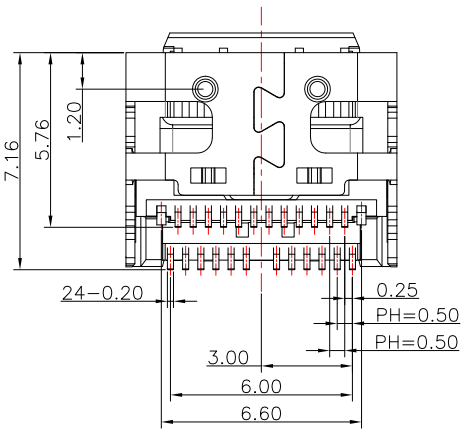


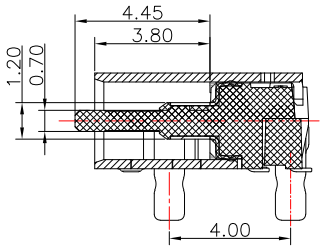






P.C.B LAYOUT





SECTION A−A

USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1−	B10	RX1−
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2−	B3	TX2−
A11	RX2+	B2	TX2+
A12	GND	B1	GND

SPECIFICATIONS

Electrical:

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

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,Black
2. Contact: C18400
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	更新PCB LAYOUT編號位置	Jack	042026

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 04/20/26	MAT'L	
CHECKED BY: Jacky Chen	DATE 04/20/26	FINISH	
APPROVED BY: Tony Kao	DATE 04/20/26	SCALE	1 : 1
		SHEET NO.	1 of 1

TITLE	CONNECTOR
MODLE	USB 3.1 TYPE C 母座板上雙貼 L7.05 CL1.68mm 外殼腳距4.00 舌片外露
DWG NO.	SBC-240S54-31x-S175
PART NO.	SBC-240S54-31x-S175
SIZE	A4
VER	R1