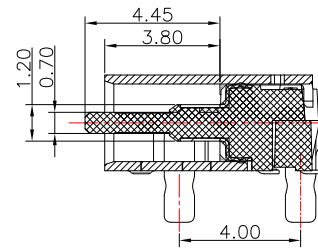
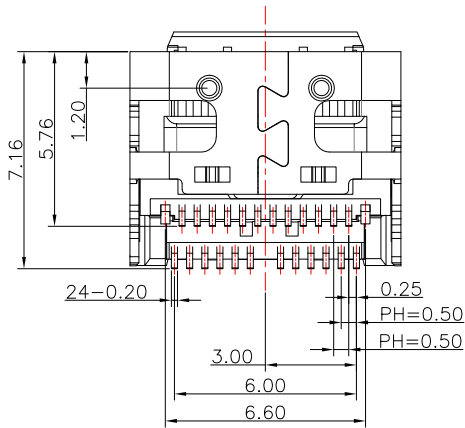
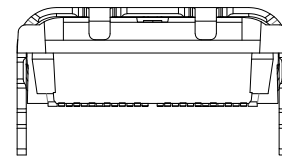
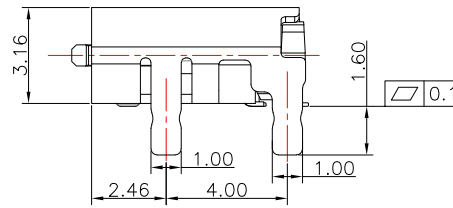
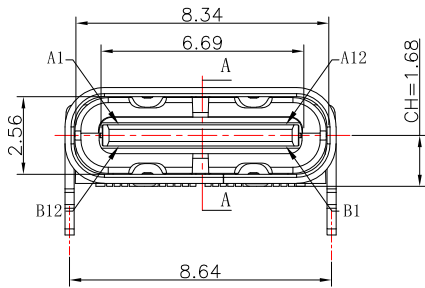
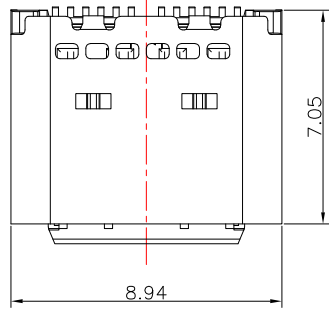




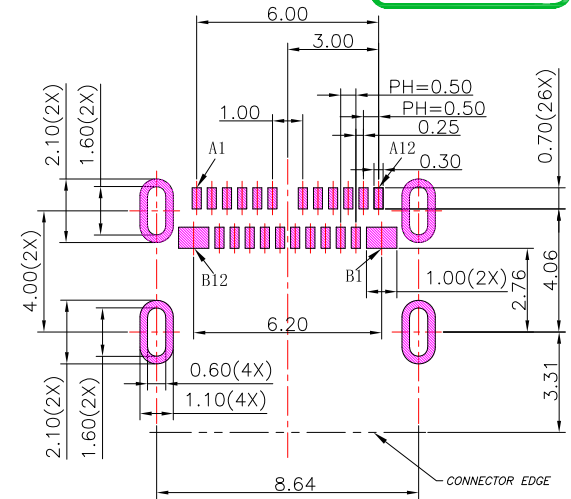
SBC-240S54-31x-S175

鍍層厚度:

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



SECTION A-A



P.C.B LAYOUT

SPECIFICATIONS

Electrical:

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

Mechanical:

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

Material:

- Housing: LCP,Black
- Contact: C18400
- Shell: SUS

Finish:

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

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



DRAWN BY:	DATE	MATL	TITLE	CONNECTOR
Jack Lu	04/20/26	FINISH	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
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-240S54-31x-S175
Jacky Chen	04/20/26	1 : 1	PART NO.	SBC-240S54-31x-S175
APPROVED BY:	DATE	SHEET NO.		
Tony Kao	04/20/26	1 of 1		

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
-------------------------------------	--------------	-------------------	--------------------	--------------------	------------	--------------	-------	----

1	更新PCB LAYOUT編號位置	Jack	04/20/26
ITEM NO.	DESCRIPTION	DRAWN	DATE