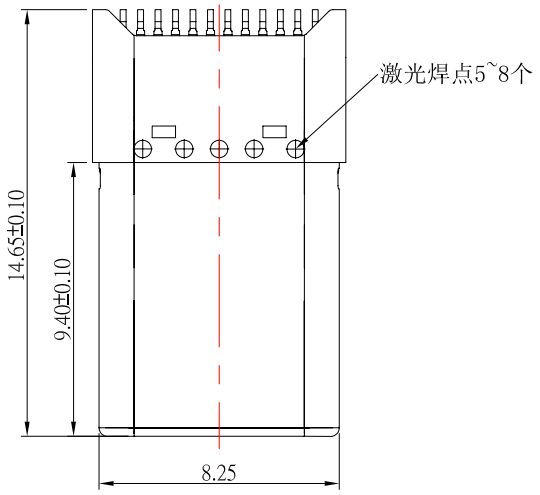
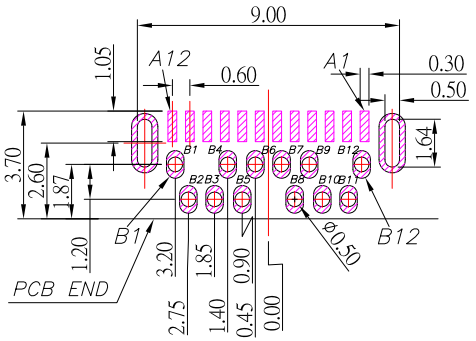


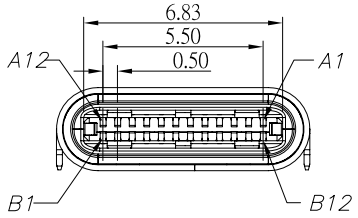


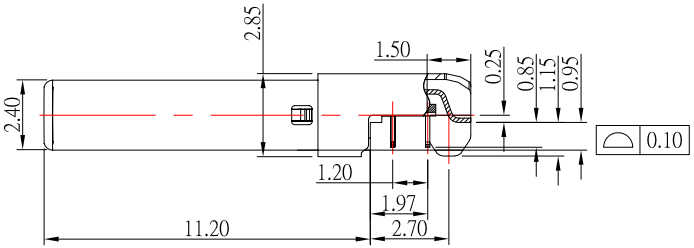
P.C.B LAYOUT MOUNTING PATTERN

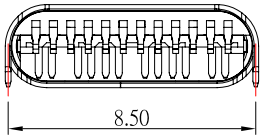
SBC-241PLM6-31x-S165

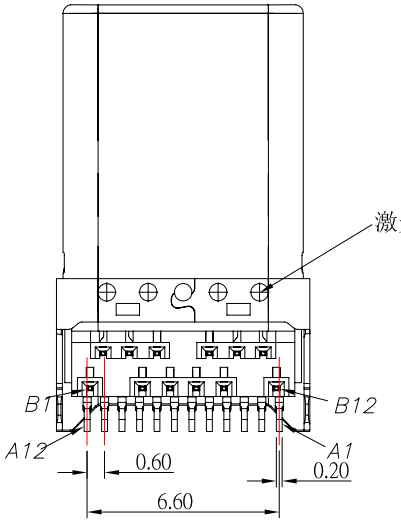
鍍層厚度 :

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









A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	
A7	Dn1	B6	
A8	SBU1	B5	Vconn
A9	VBUS	B4	VBUS
A10	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

SPECIFICATIONS

Electrical:

1. Rating: 3.0A
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
2. Contact: C7025
3. Shell: SUS

Finish:

1. Contact: Plated Gold in Mating Area ;
   Tin Plated on Solder Balls ;
   Nickel under plated overall
2. Shell: Nickel under Plated surface layer

ITEM NO.	DESCRIPTION	DRAWN	DATE
4	更新激光焊焊點數量	Jack	090522
3	更新材質	Jack	091421
2	更新PCB LAYOUT	Jack	042921
1	更新圖面	Jack	030221

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

		DATE
DRAWN BY:	Jack Lu	09/05/22
CHECKED BY:	Jacky Chen	09/05/22
APPROVED BY:	Tony Kao	09/05/22

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	TYPE C Male 沉板 ,板上H1.675mm
SCALE	1 : 1	DWG NO.	SBC-241PLM6-31x-S165
SHEET NO.	1 of 1	PART NO.	SBC-241PLM6-31x-S165

SIZE A4 | VER R4