

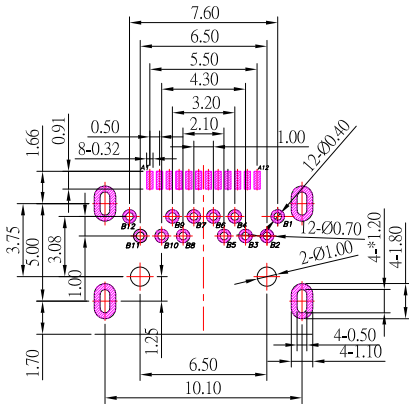
SBC-WP240S6-31x-S410

鍍層厚度：

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

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTxp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V _{RS}	First	B9	V _{RS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{RS}	First	B4	V _{RS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

IPX7



PCB LAYOUT

SPECIFICATIONS

Electrical:

- Rating: 5.0V , 3.0A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC

Mechanical:

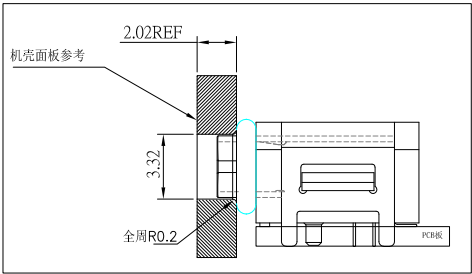
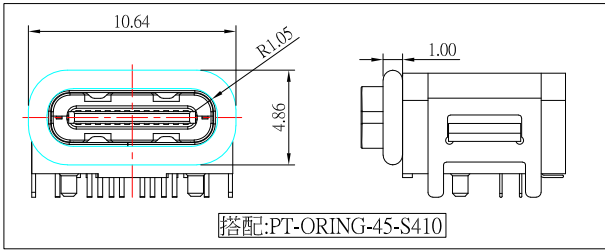
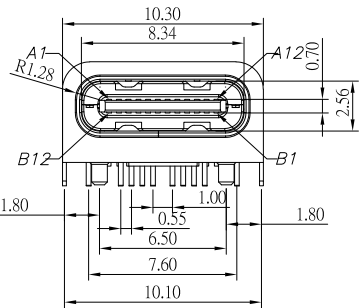
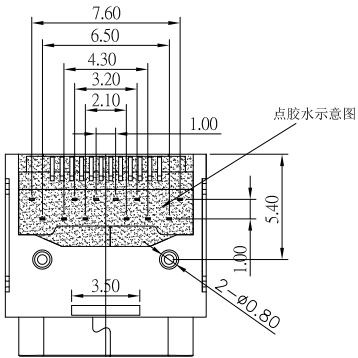
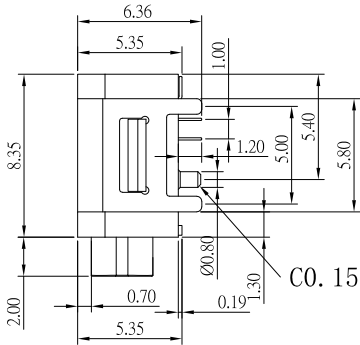
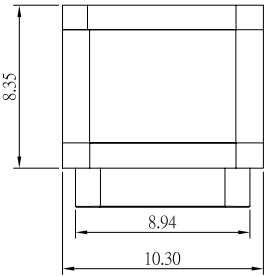
- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: PA10T
- Contact: C7025
- Shell: SUS

Finish:

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



2	新增機構開孔尺寸建議和更新O-RING料號	Jack	081924
1	更新圖面	Jack	050924
ITEM NO.	DESCRIPTION	DRAWN	DATE

東莞市高迪電子有限公司
DONG GUAN GAO DI ELECTRONICS CO., LTD

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	08/19/24	FINISH	MODLE	USB 3.1 TYPE C 防水型 板上式 H5.35
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP240S6-31x-S410
Jacky Chen	08/19/24	1 : 1	PART NO.	SBC-WP240S6-31x-S410
APPROVED BY:	DATE	SHEET NO.	1 of 2	
Tony Kao	08/19/24			