

SBC-WP160S3-20x-S412

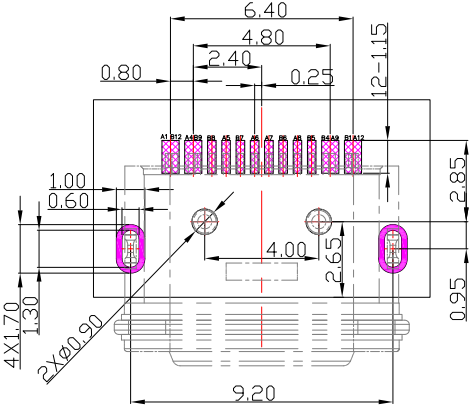
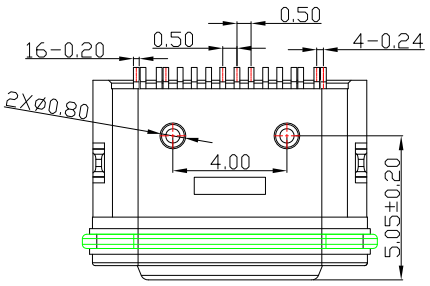
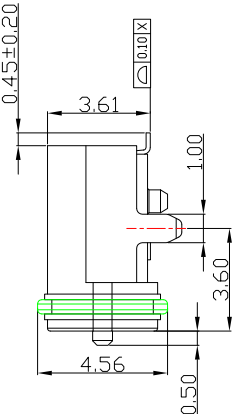
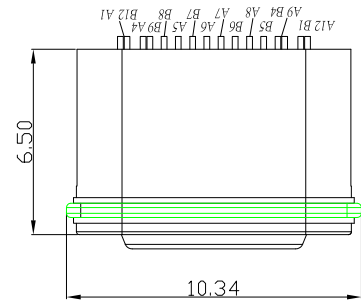
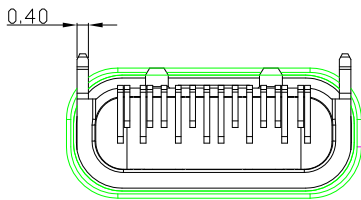
鍍層厚度:

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

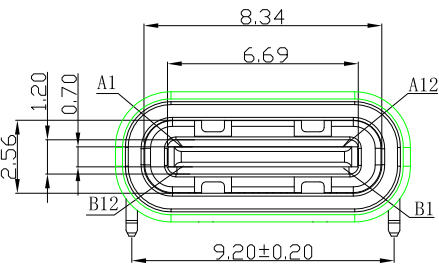
組裝示意圖

← 裝配方向

IPX7



RECOMMENDED PCB LAYOUT



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

SPECIFICATIONS

Electrical:

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

Mechanical:

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

Material:

- Housing: LCP
- 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



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	05/22/23	FINISH	MODLE	USB C TYPE 2.0 Female 防水型 防水型IPX7
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP160S3-20x-S412
Jacky Chen	05/22/23	1 : 1	PART NO.	SBC-WP160S3-20x-S412
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	05/22/23			