

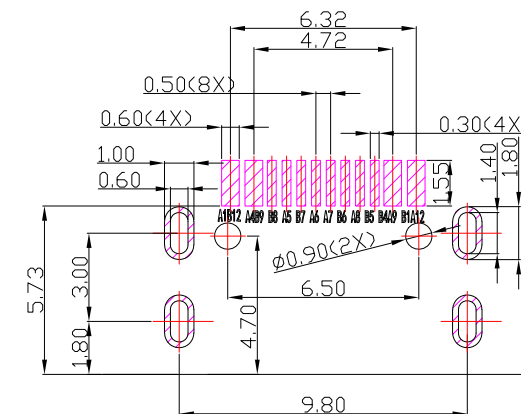
IPX7



SBC-WP160S5-20x-S347

鍍層厚度:

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



PCB LAYOUT

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0 A
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min
- 4.Dielectric Withstand 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.Shell Housing: PA46
- 3.Contact: C7025
- 4.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



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	09/24/24	FINISH	MODLE	USB C TYPE 2.0 Female 防水型 防水型IPX7
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP160S5-20x-S347
Jacky Chen	09/24/24	1 : 1	PART NO.	SBC-WP160S5-20x-S347
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	09/24/24			