

IP68



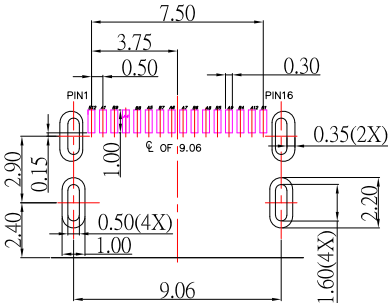
SBC-WP160S7-20x-S410

鍍層厚度:

Blank : 1u"

2 : 15u"

3 : 30u"



PCB LAYOUT

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:

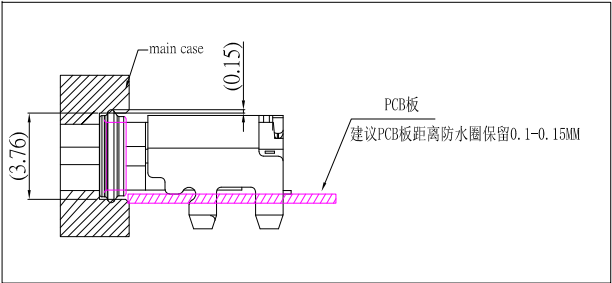
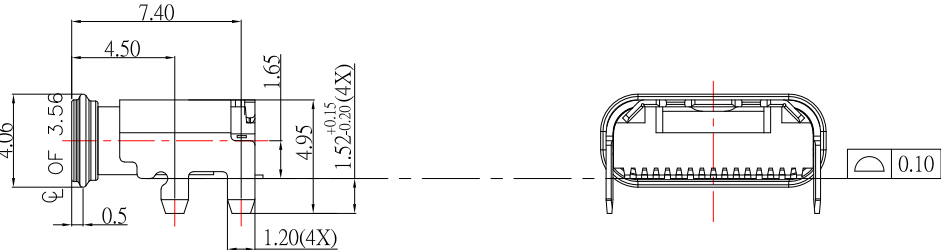
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: PA46
- 2.Contact: C7025
- 3.Shell: SUS
- 4.O-ring: Silcone

Finish:

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



Pin	Signal	Description	Mating Sequence	Description	Signal	Pin
2	A1	GND	First	Ground return	GND	B12 1
/	A2	TX1+	Second	/	RX1+	B11 /
/	A3	TX1-	Second	/	RX1-	B10 /
4	A4	VBUS	First	Bus Power	VBUS	B9 3
6	A5	CC1	Second	Sideband Use(SBU)	SBU2	B8 5
8	A6	D+	Second	Negative half of the USB 2.0 differential pair-Position 2	D-	B7 7
9	A7	D-	Second	Positive half of the USB 2.0 differential pair-Position 2	D+	B6 10
11	A8	SBU1	Second	Configuration Channel	CC2	B5 12
13	A9	VBUS	First	Bus Power	VBUS	B4 14
/	A10	RX2-	Second	/	TX2-	B3 /
/	A11	RX2+	Second	/	TX2+	B2 /
15	A12	GND	First	Ground return	GND	B1 16

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

DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao

DATE: 08/30/24
DATE: 08/30/24
DATE: 08/30/24

MAT'L
FINISH
SCALE
SHEET NO.

1 : 1
1 of 1

TITLE
MODLE
DWG NO.
PART NO.

CONNECTOR
USB C TYPE 2.0 Female CH1.65防水型IP68
SBC-WP160S7-20x-S410
SBC-WP160S7-20x-S410

SIZE
A4
VER
R1