

IPX8

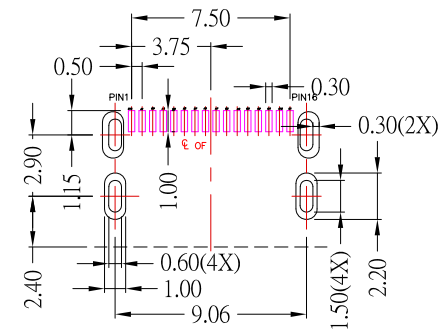


SBC-WP160S4-20x-S165

鍍層厚度:

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

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



PCB LAYOUT (TOP VIEW)

SPECIFICATIONS

Electrical:

1. Rating: 5.0 A
2. Contact Resistance: 40 mΩ Max
3. Insulation Resistance: 100 MΩ Min

Mechanical:

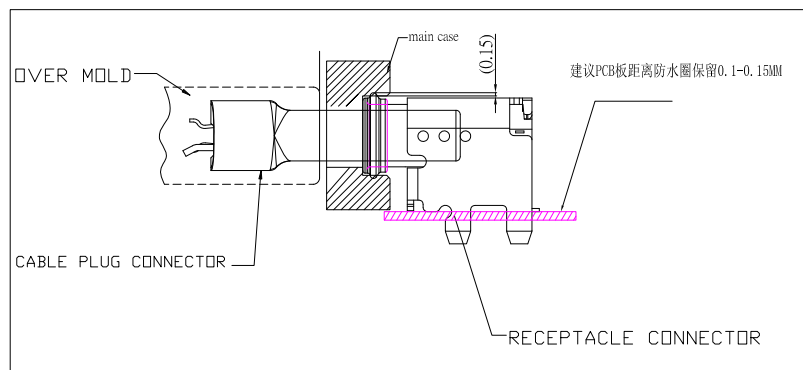
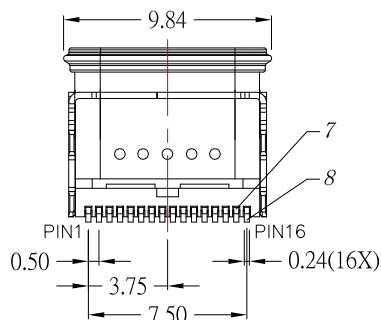
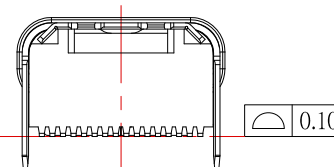
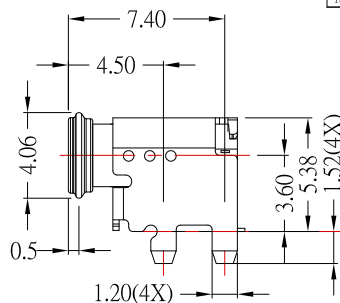
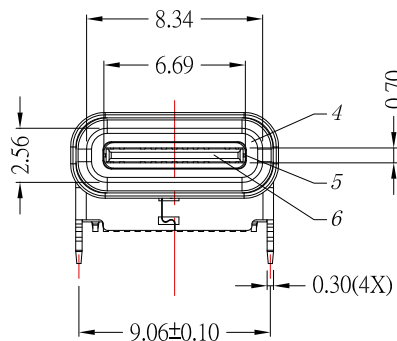
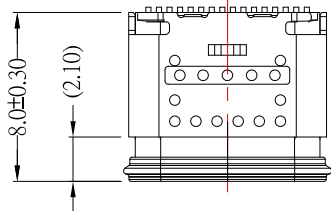
1. Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

1. Housing: PA46
2. Contact: C7025
3. Shell: SUS

Finish:

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



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

DATE: 05/13/24
DATE: 05/13/24
DATE: 05/13/24

MAT'L
FINISH
SCALE: 1 : 1
SHEET NO. 1 of 1

TITLE: CONNECTOR
MODEL: USB C TYPE 2.0 Female 防水型 IPX8 (含防水膠圈)
DWG NO. SBC-WP160S4-20x-S165
PART NO. SBC-WP160S4-20x-S165

SIZE: A4
VER: R3

ITEM NO.	DESCRIPTION	DRAWN	DATE
3	更新MODEL敘述	Jack	051324
2	新增尺寸	Jack	051024
1	更新PCB LAYOUT尺寸和材質	Jack	050824