

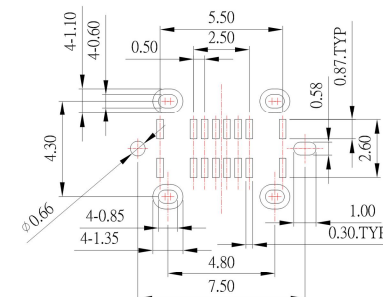
IPX7



SBC-WP160VS-20x-S165

鍍層厚度：

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



RECOMMENDED PCB LAYOUT

PIN ASSIGNMENT

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

SPECIFICATIONS

Electrical:

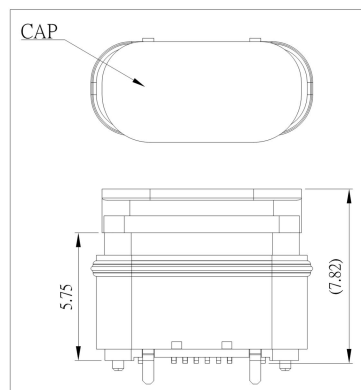
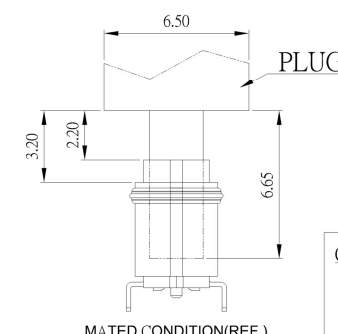
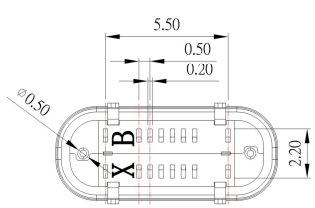
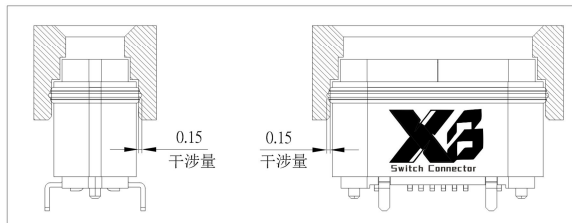
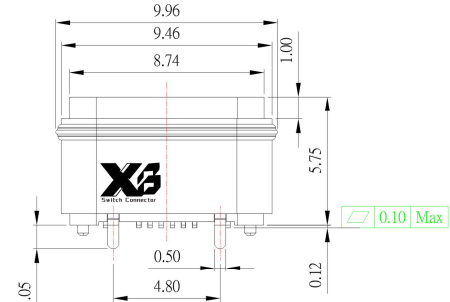
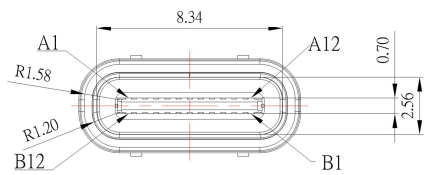
- 1.Rating: 3.0 A
- 2.Contact Resistance: 50 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min

Mechanical:

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

Material:

- 1.Housing: LCP
 - 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



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DONG GUAN XI BANG 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: 03/10/22
DATE: 03/10/22
DATE: 03/10/22

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

TITLE: CONNECTOR
MODLE: USB C TYPE 180度 2.0 Female H5.9 防水型IPX7
DWG NO. SBC-WP160VS-20x-S165
PART NO. SBC-WP160VS-20x-S165

SIZE: A4
VER: R1