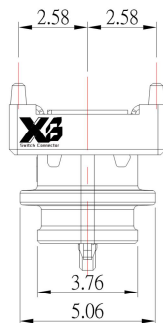
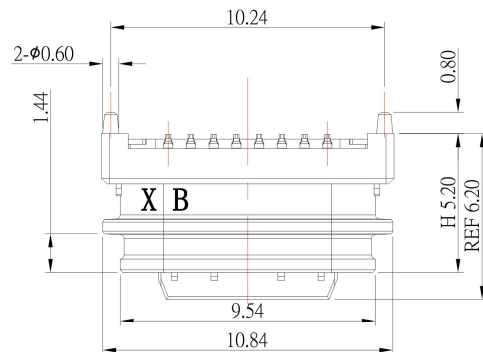


IPX8



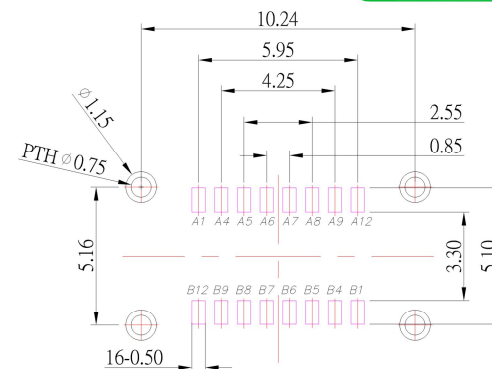
SBC-WP160VS2-20x-S382

鍍層厚度:

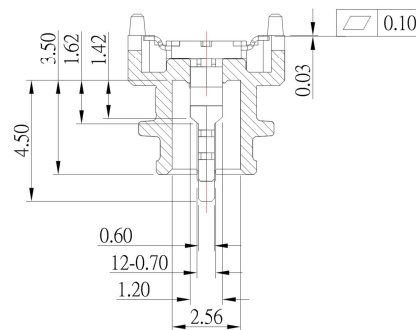
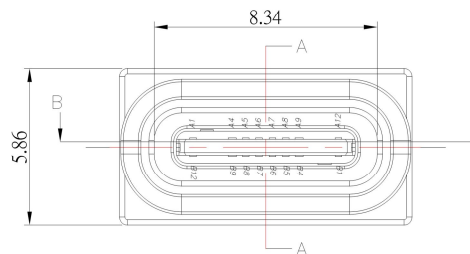
Blank : 1u"

2 : 15u"

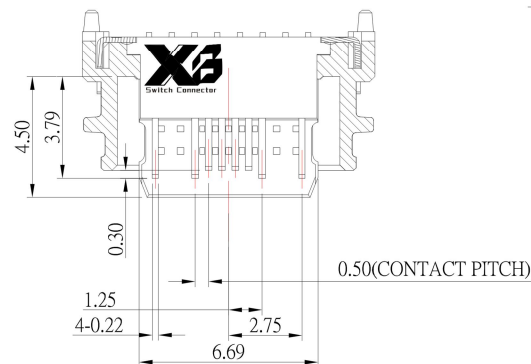
3 : 30u"



RECOMMENDED PCB LAYOUT



SECTION A-A



SECTION B-B

SPECIFICATIONS

Electrical:

- 1.Rating: 3.0 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: PA9T
 - 2.Contact: C2680
 - 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

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A4	V _{bus}	First	B9	V _{bus}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{bus}	First	B4	V _{bus}	First
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



东莞市溪榜电子有限公司
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

3RD.
ANGEL'S



UNITS

MM

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

DATE: 08/11/22
DATE: 08/11/22
DATE: 08/11/22

MAT'L
FINISH
SCALE: 1 : 1
SHEET NO. 1 of 2

TITLE: CONNECTOR
MODLE: USB C TYPE 180 度 SMT 2.0 Female H5.20防水型
DWG NO. SBC-WP160VS2-20x-S382
PART NO. SBC-WP160VS2-20x-S382

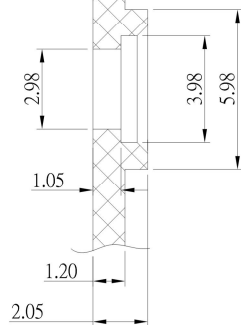
SIZE: A4
VER: R1

1	新增O-RING圖	Jack	081122
ITEM NO.	DESCRIPTION	DRAWN	DATE

IPX8



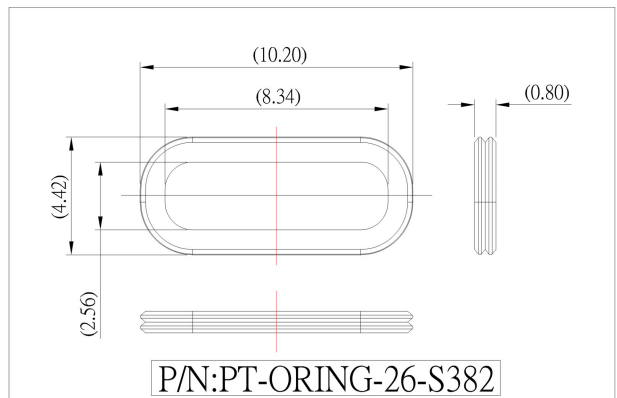
机壳面板



硅胶密封圈

PCB板

组装方式，左右方向装配



P/N:PT-ORING-26-S382

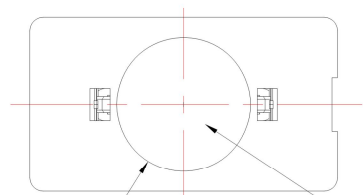
机壳面板与密封圈
建议压缩量50%Min

密封圈

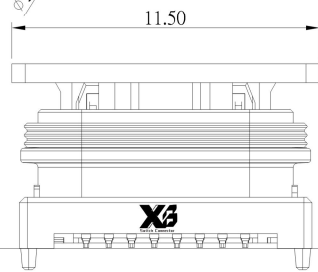
PCB板

2.05Min

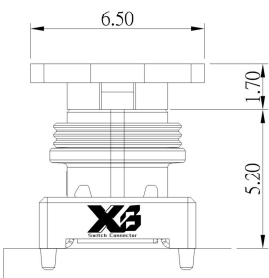
组装面板后公母头对插示意图



PICK PLACE AREA



WITH CAP



东莞市溪榜电子有限公司
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

3RD.
ANGEL'S



UNITS

MM

DRAWN BY:

Jack Lu

DATE

08/11/22

CHECKED BY:

Jacky Chen

DATE

08/11/22

APPROVED BY:

Tony Kao

DATE

08/11/22

MAT'L

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

USB C TYPE 180 度 SMT 2.0 Female H5.20防水型

SBC-WP160VS2-20x-S382

SBC-WP160VS2-20x-S382

SIZE

A4

VER

R1

ITEM NO.

DESCRIPTION

DRAWN

DATE

Jack

081122