

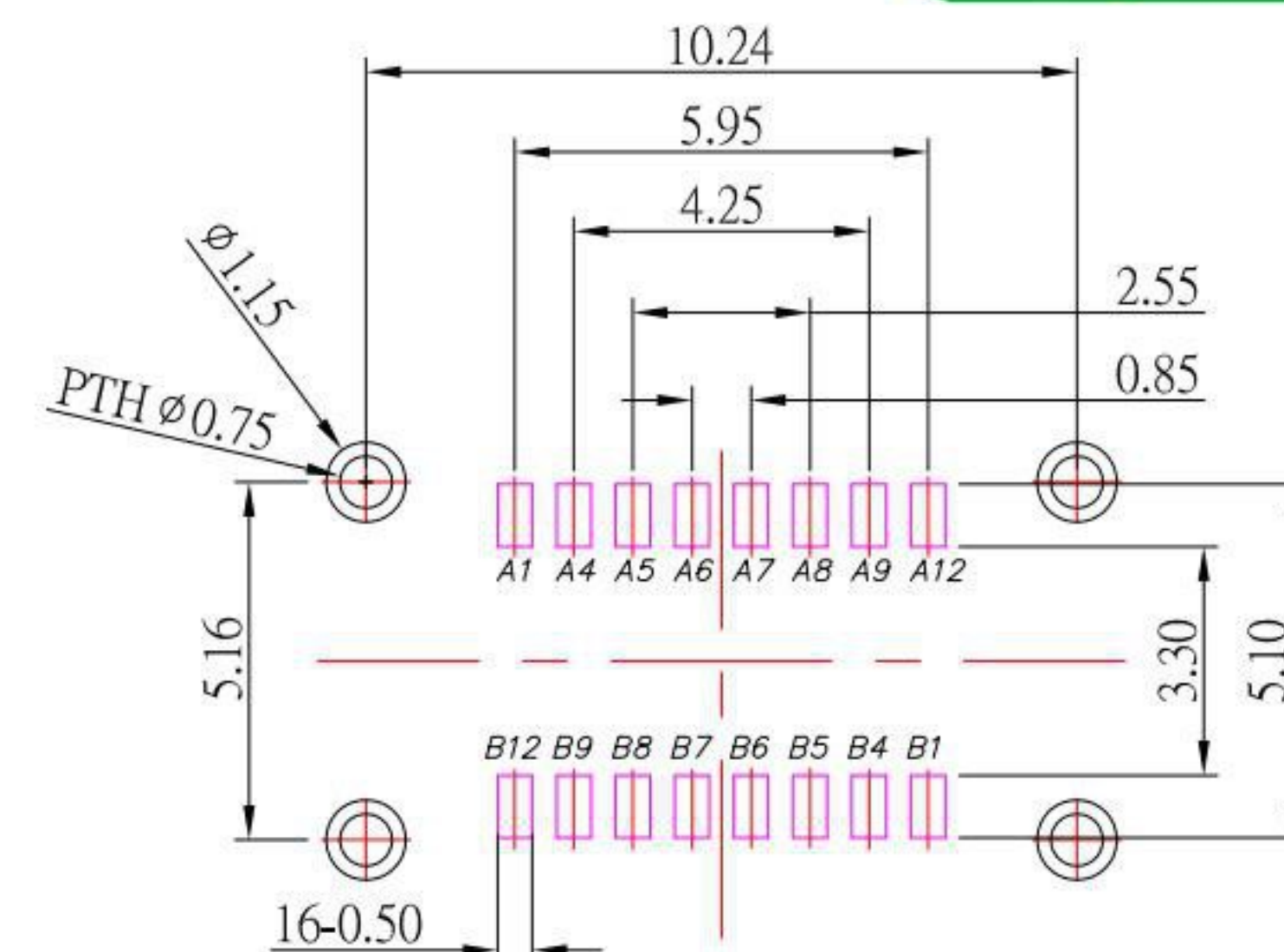
IPX8



SBC-WP160VS2-20x-S382

鍍層厚度:

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



RECOMMENDED PCB LAYOUT

SPECIFICATIONS

Electrical:

- 1.Rating: 3.0 A
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min

Mechanical:

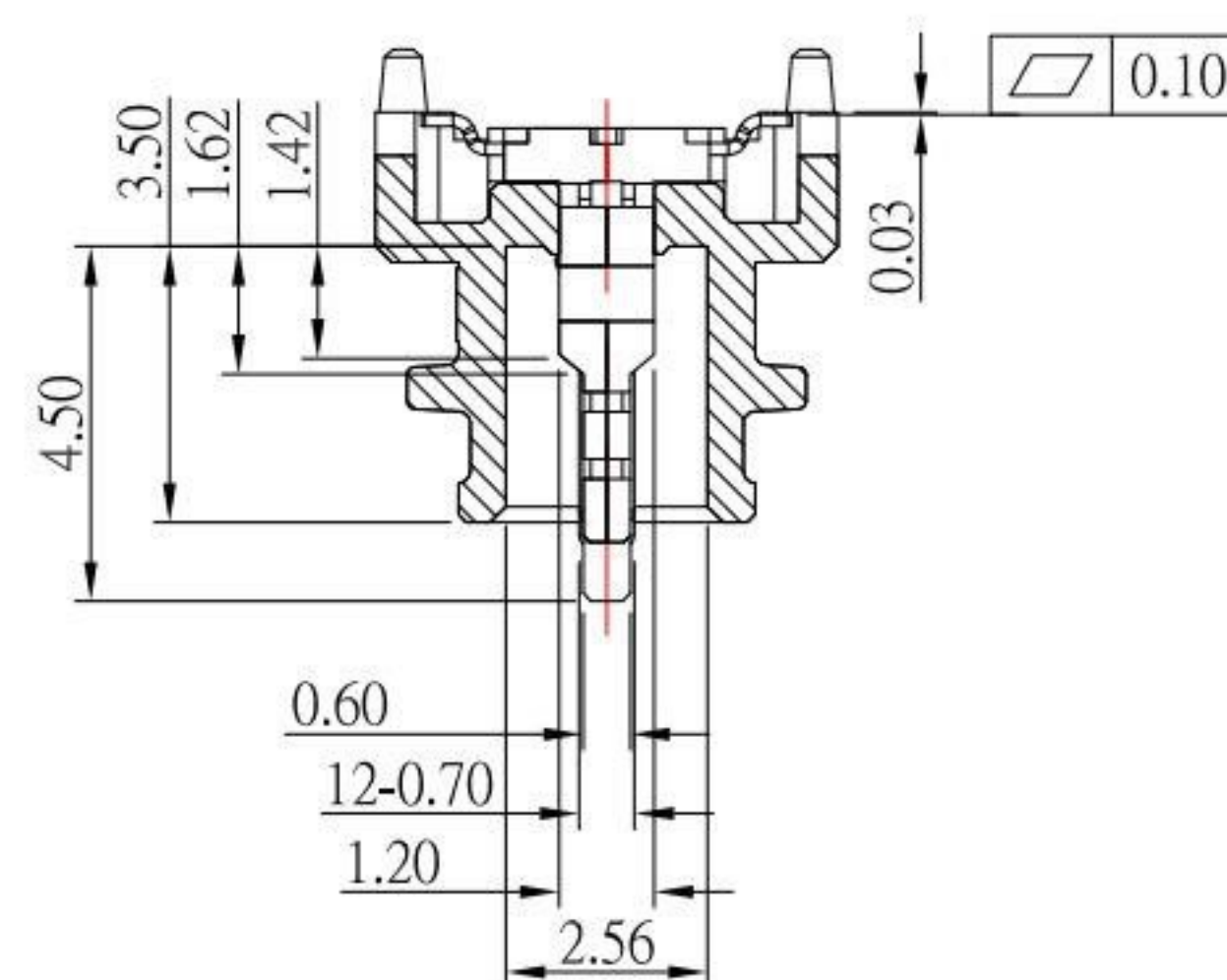
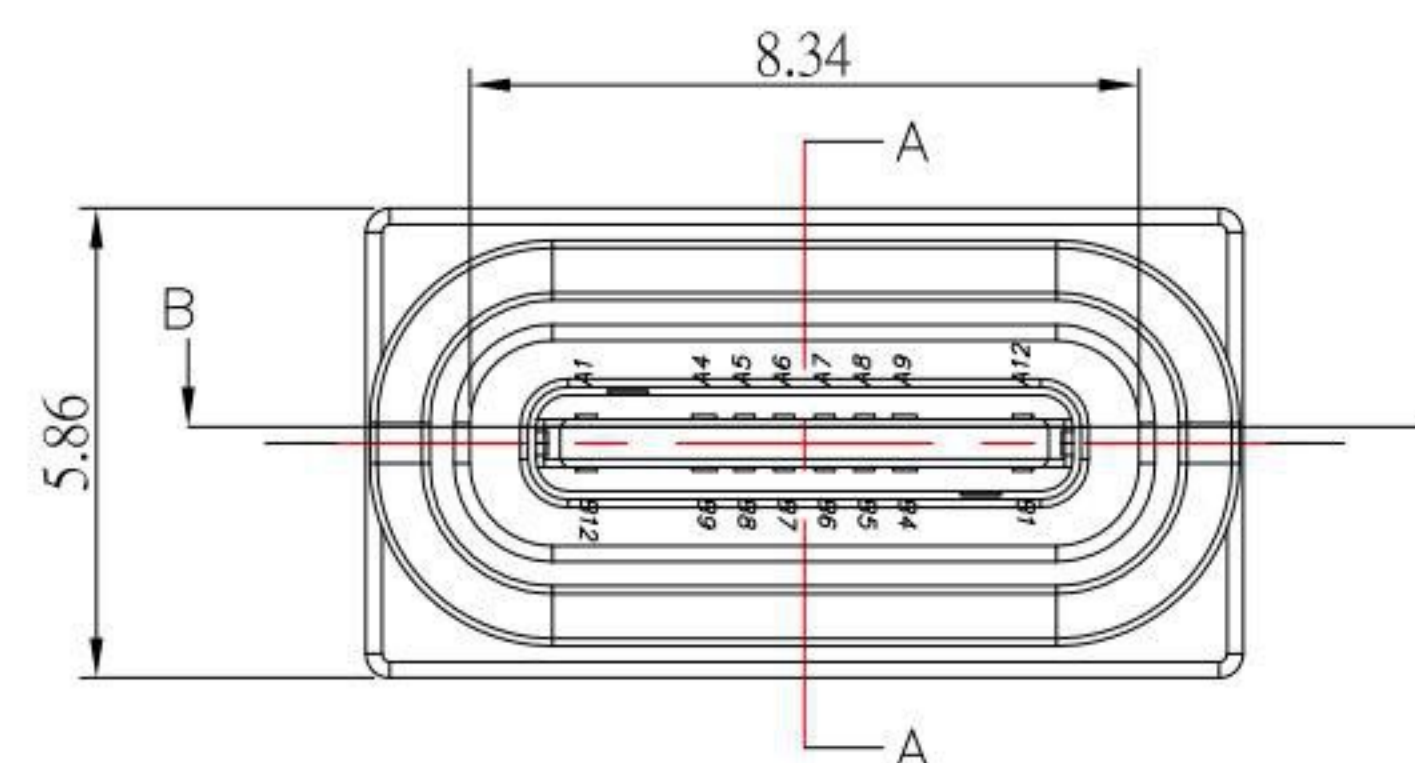
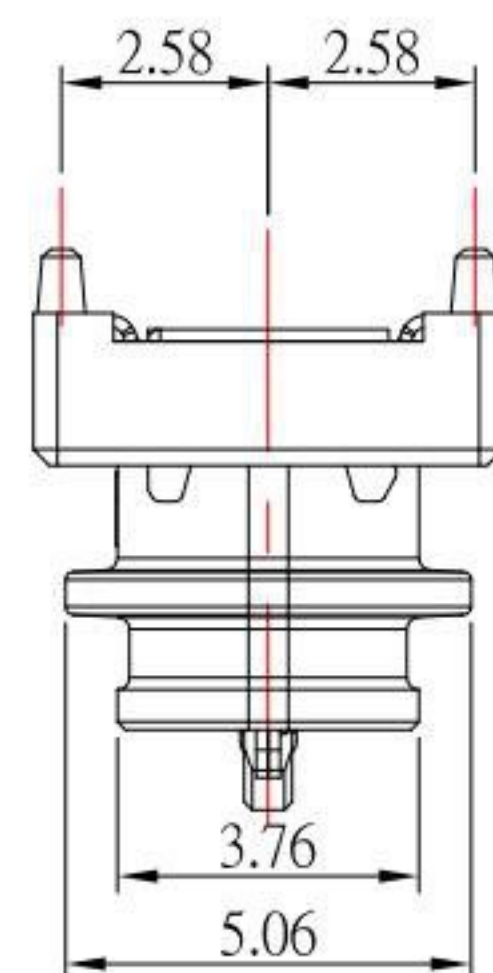
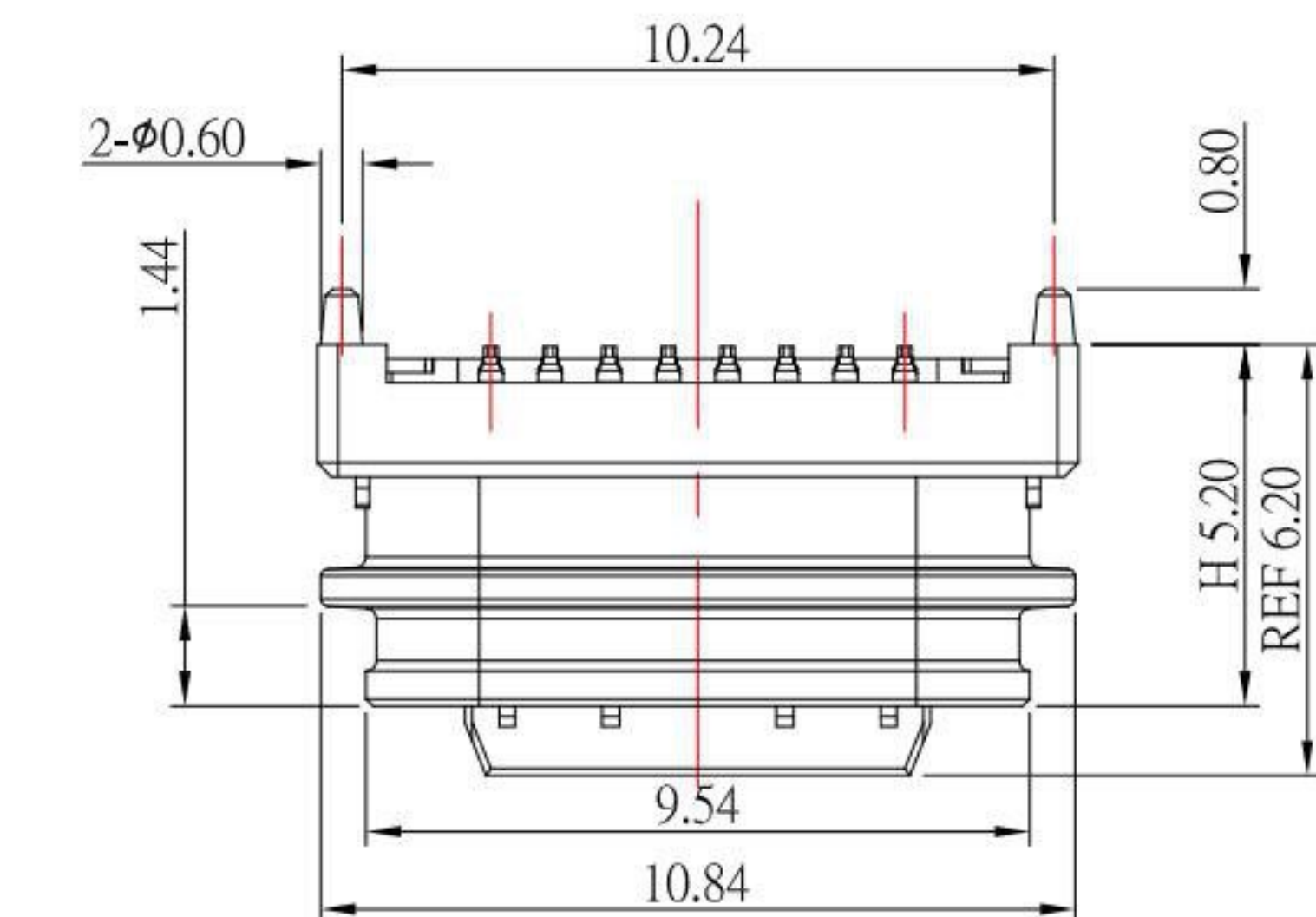
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

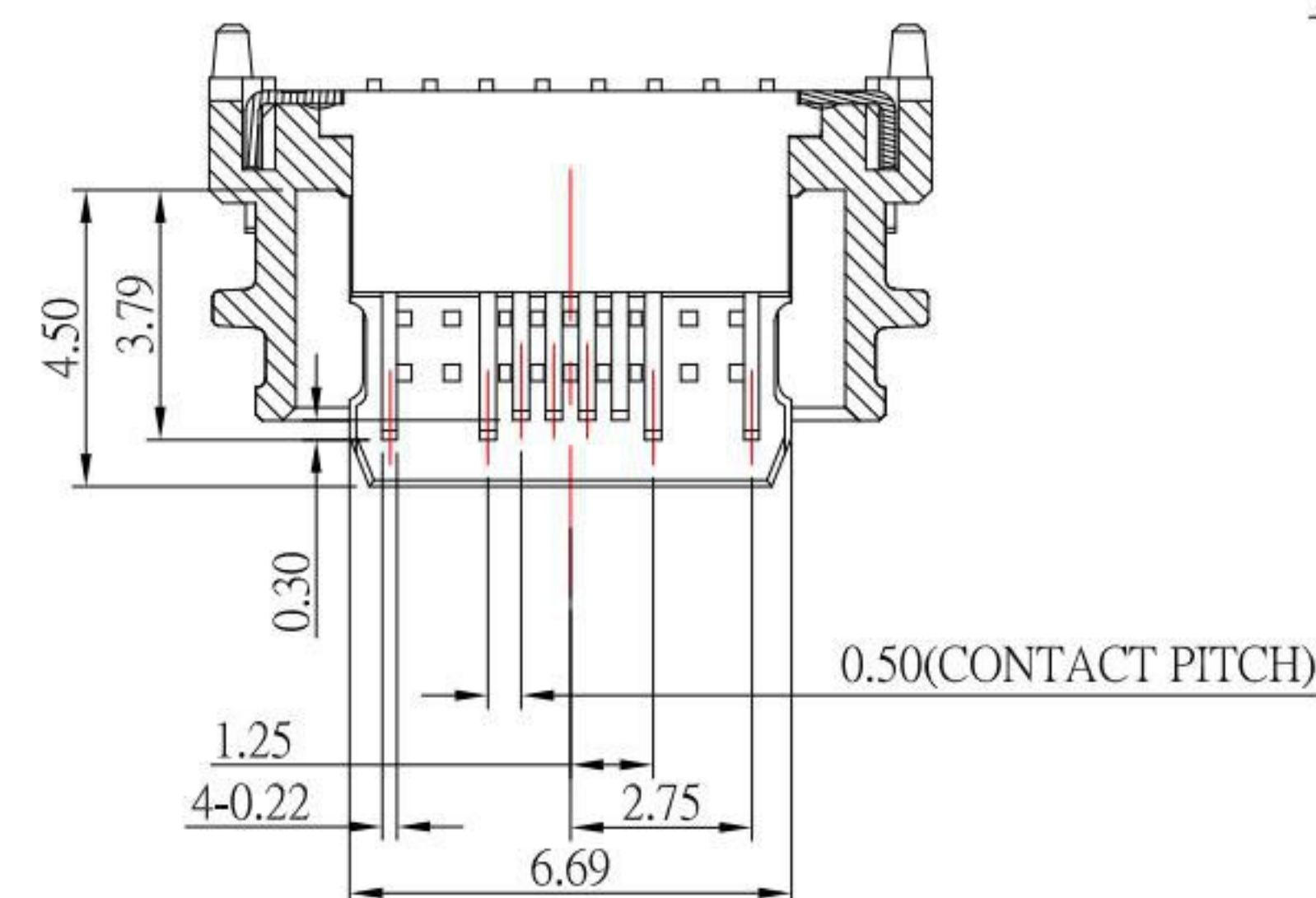
- 1.Housing: PA9T
- 2.Contact: C2680
- 3.Shell: SUS

Finish:

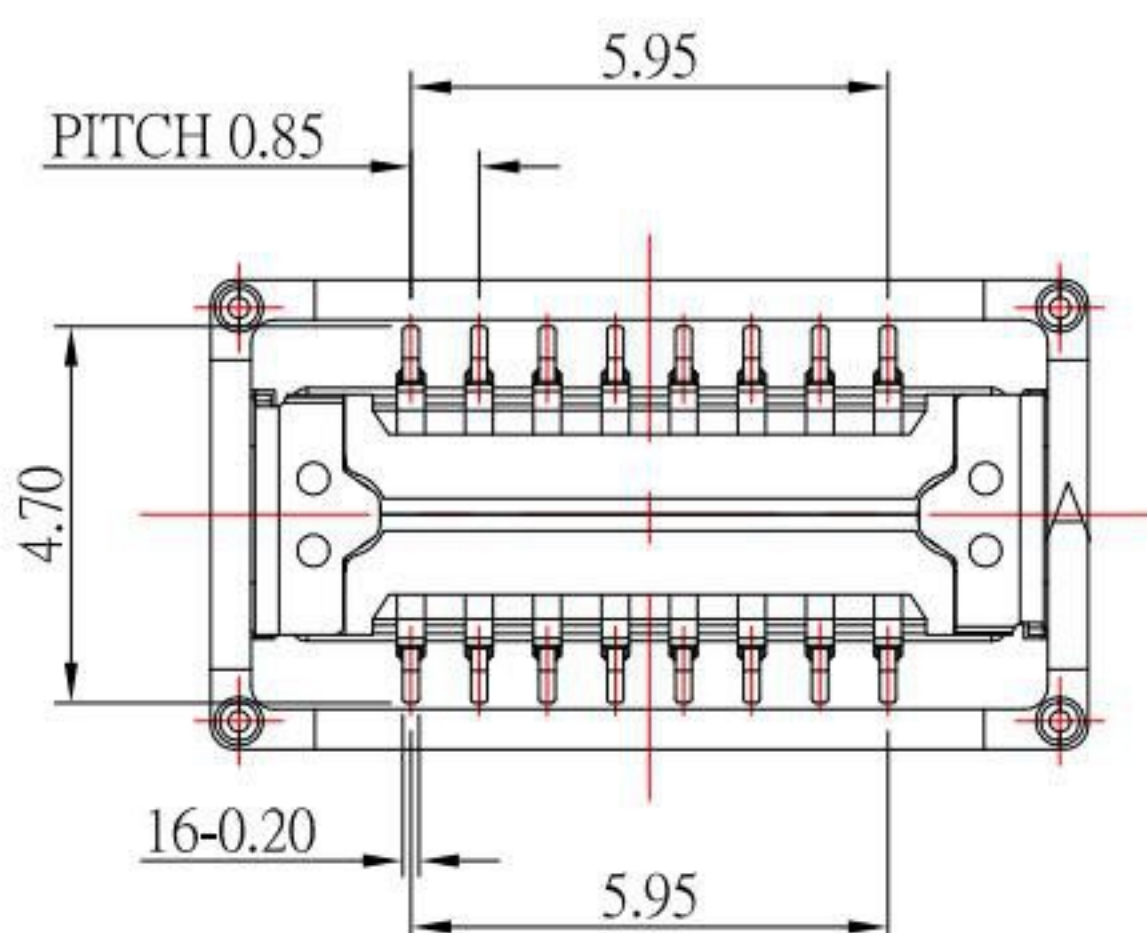
- 1.Contact: Plated Gold in Mating Area ;
Gold Plated on Solder Balls ;
Nickel under plated overall
- 2.Shell: Nickel under Plated surface layer



SECTION A-A



SECTION B-B

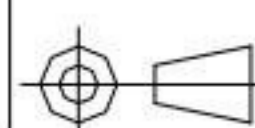


Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A4	V _{BUS}	First	B9	V _{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{BUS}	First	B4	V _{BUS}	First
A12	GND	First	B1	GND	First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

KSD 科斯达电子科技有限公司
SWITCH CONNECTOR 全球互联零组件制造企业
KSD ELECTRONIC TECHNOLOGY 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: DATE

Jack Lu 08/11/22

CHECKED BY: DATE

Jacky Chen 08/11/22

APPROVED BY: DATE

Tony Kao 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

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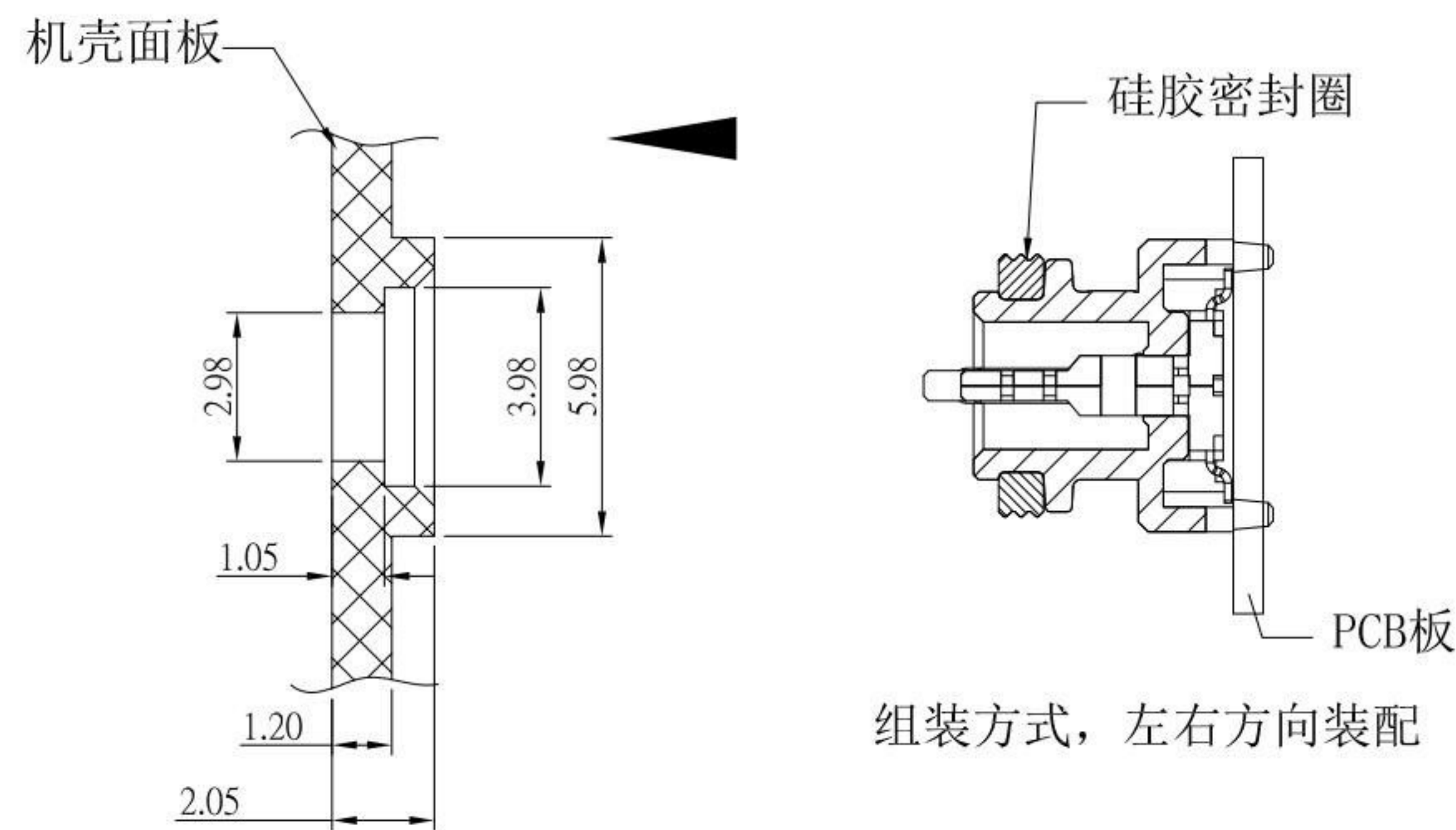
SIZE

A4

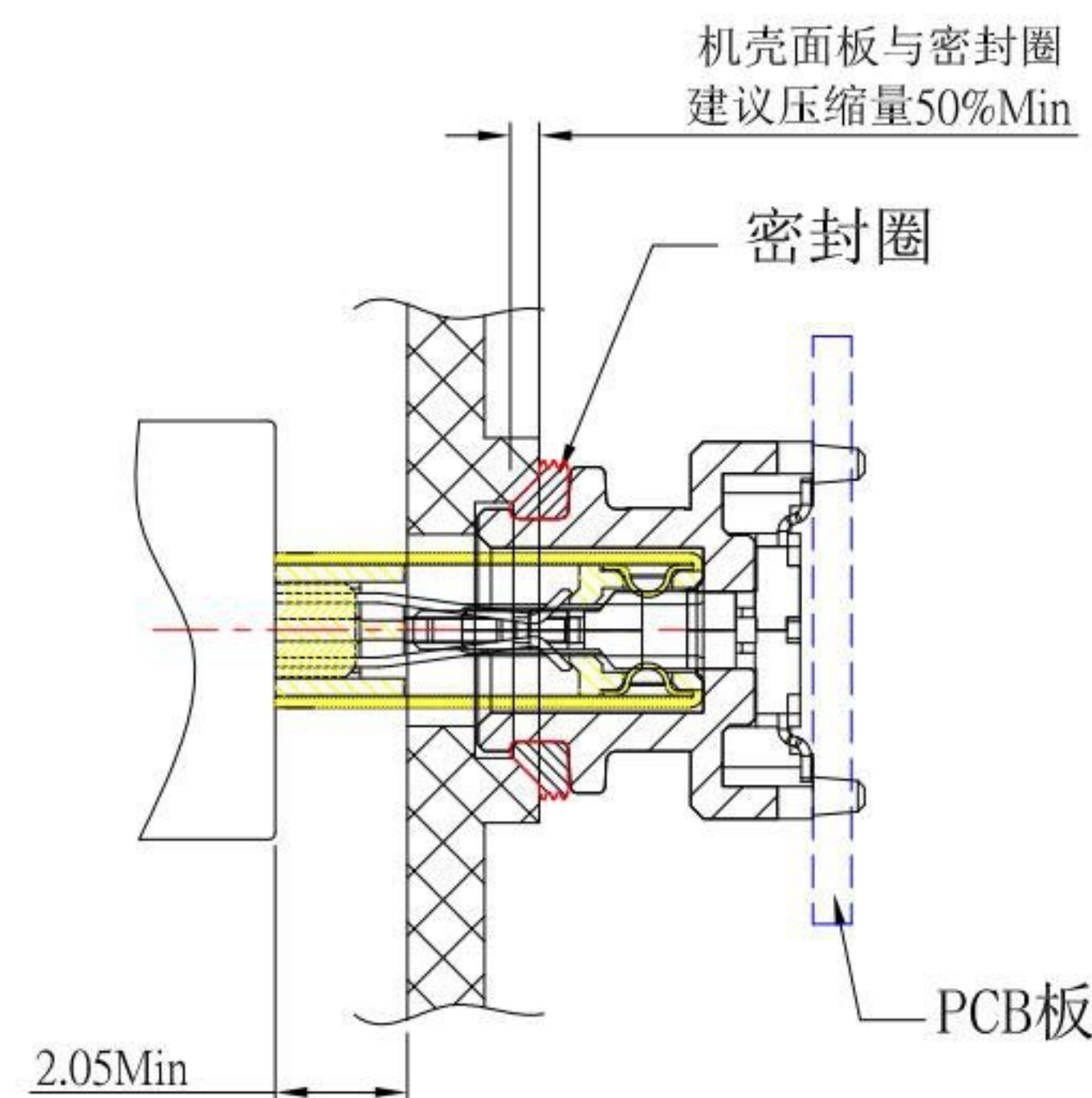
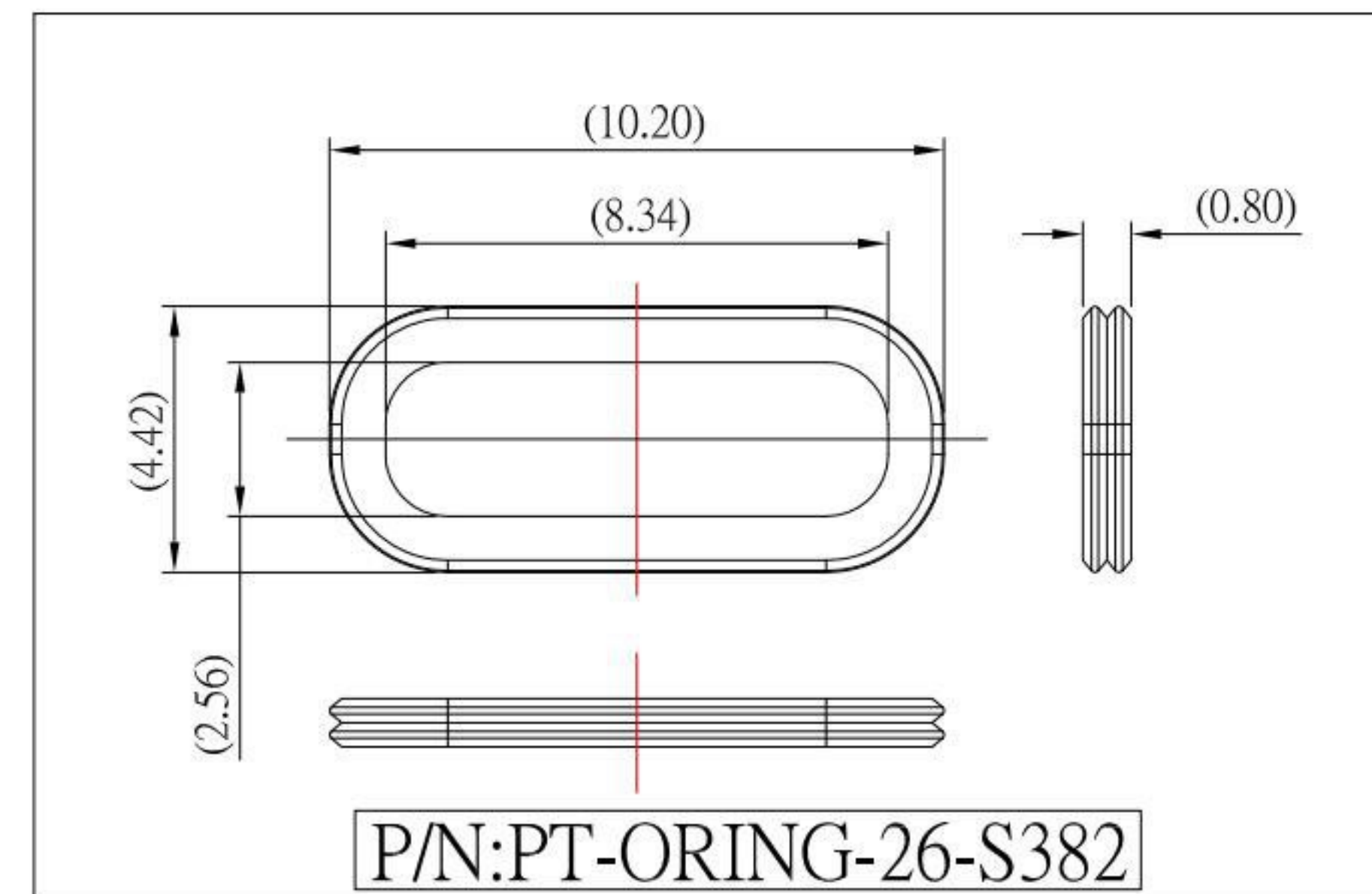
VER

R1

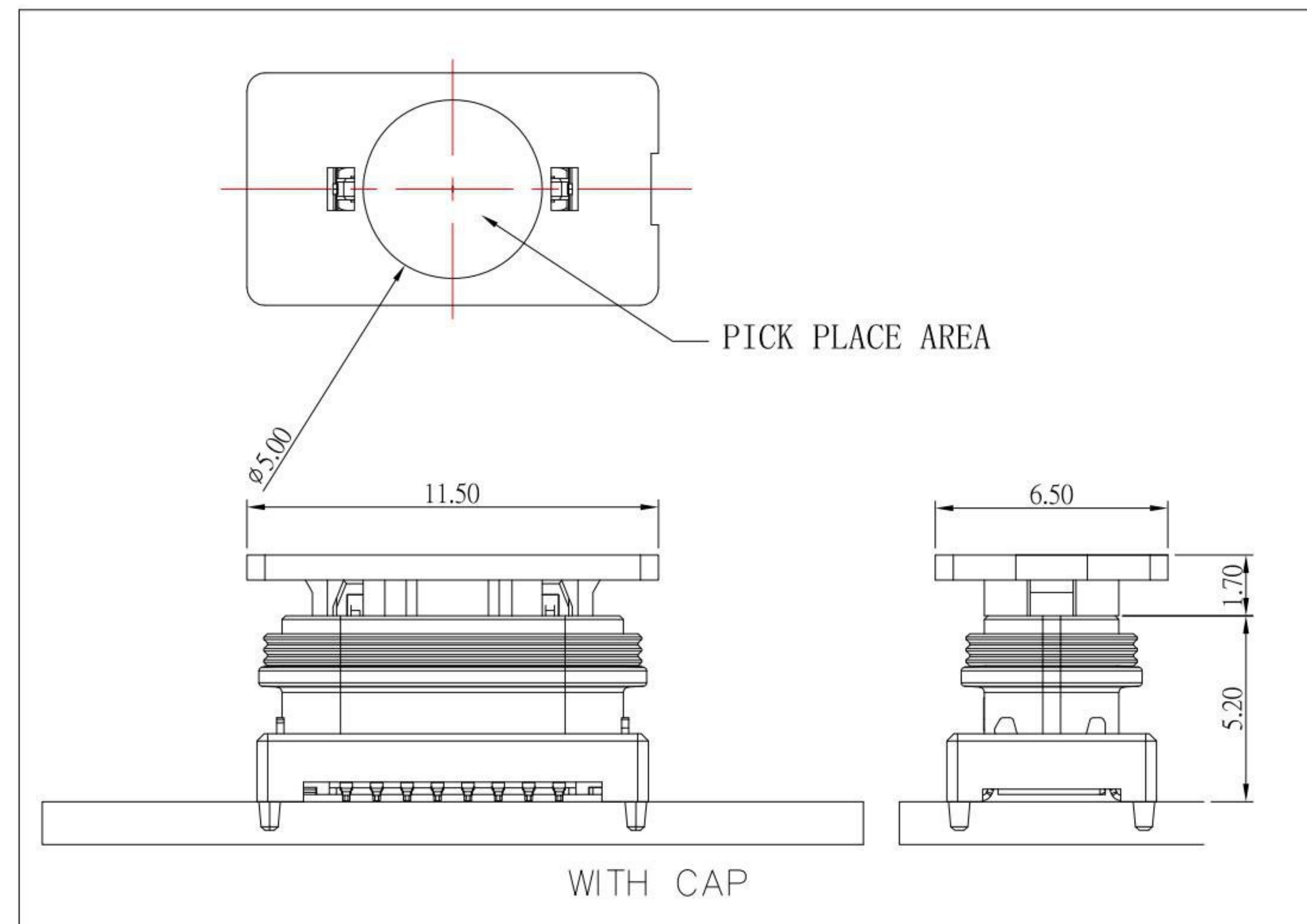
IPX8



组装方式，左右方向装配



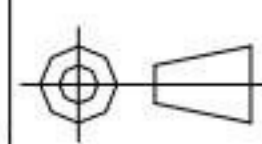
组装面板后公母头对插示意图



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SWITCH CONNECTOR KSD ELECTRONIC TECHNOLOGY Co., LTD
全球 互 联 零 组 件 制 造 企 业

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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
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