



鍍層厚度：

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

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0 A
- 2.Dielectric Withstand Voltage: 100V AC
- 3.Contact Resistance: 40 mΩ Max
- 4.Insulation Resistance: 100 MΩ Min

Mechanical:

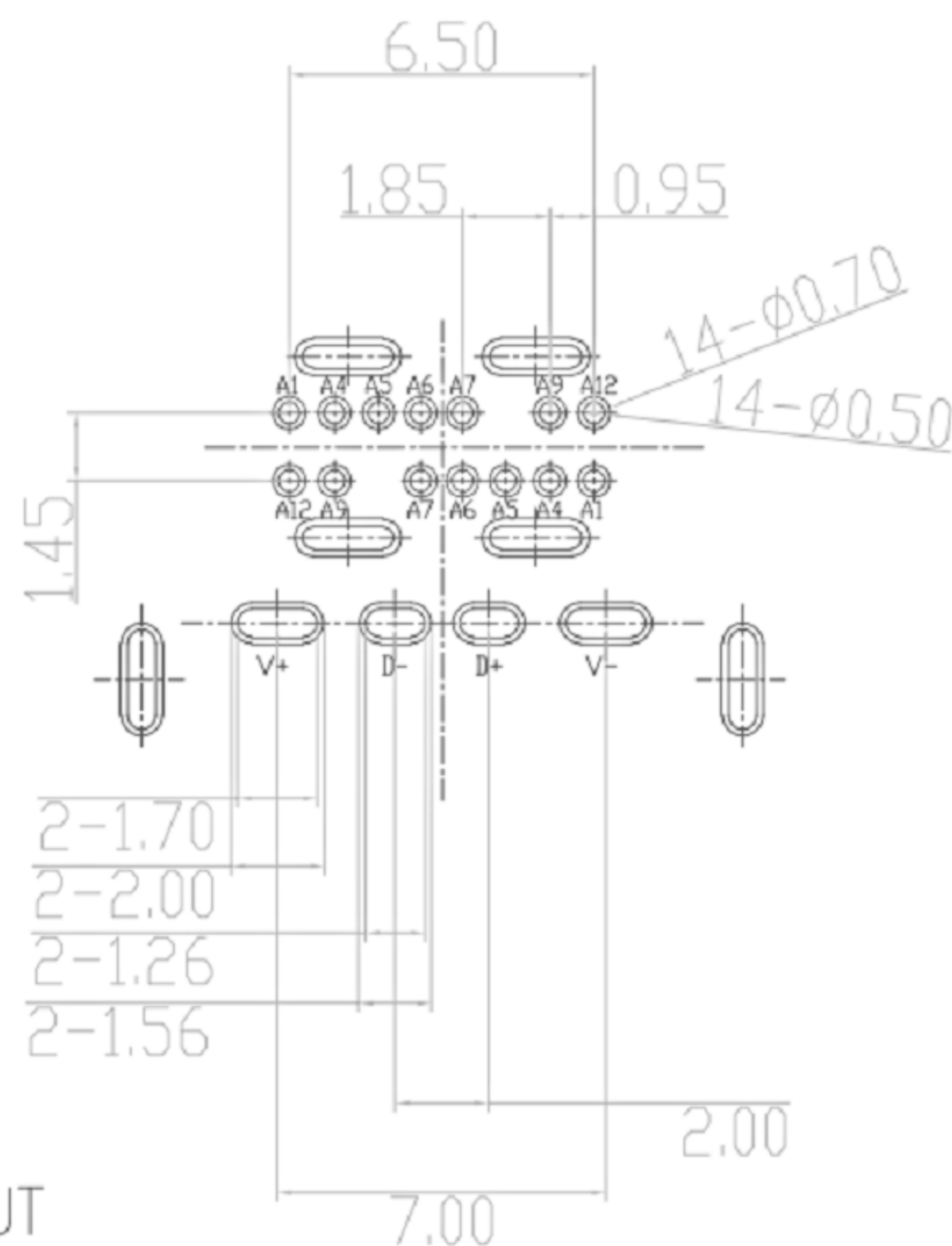
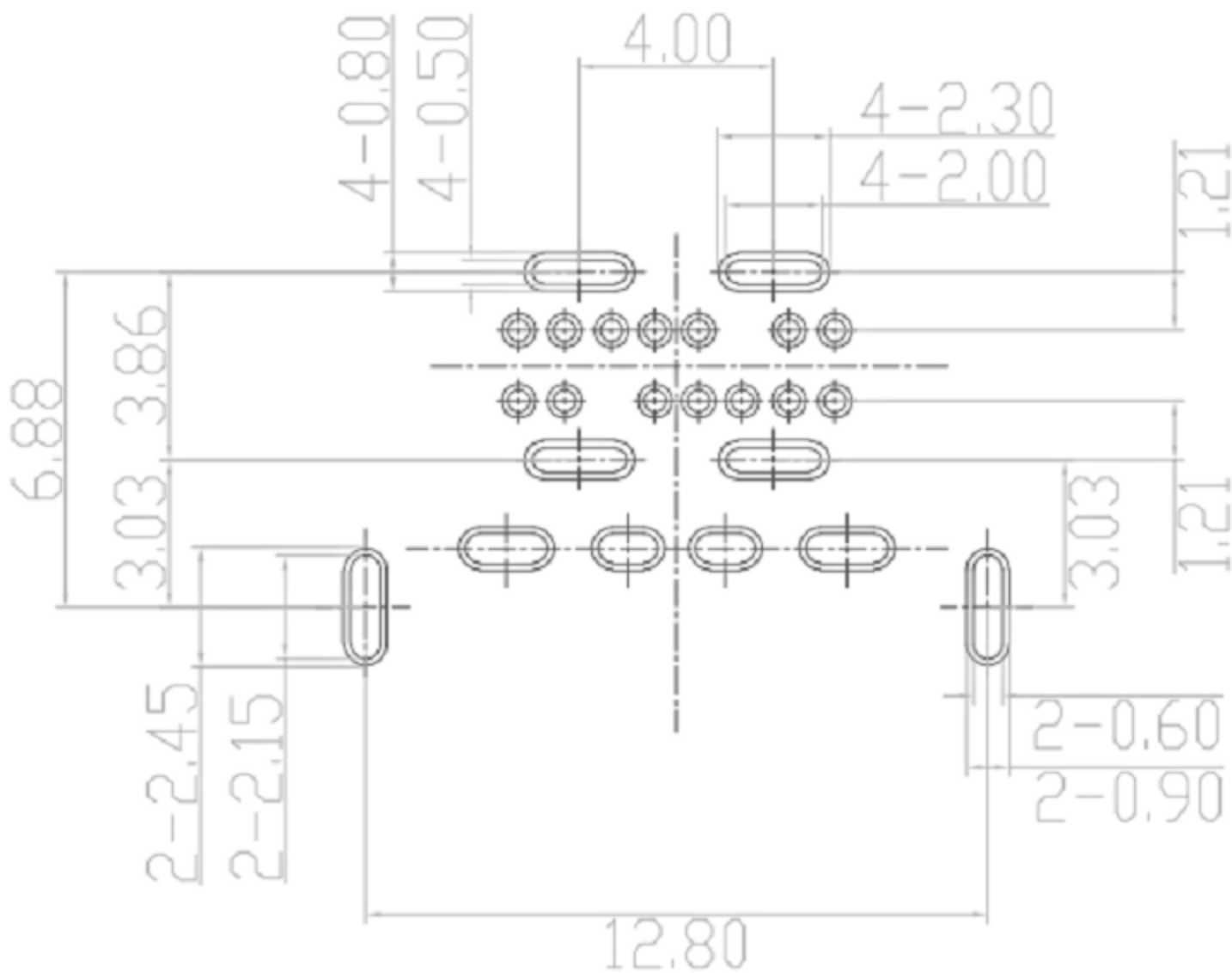
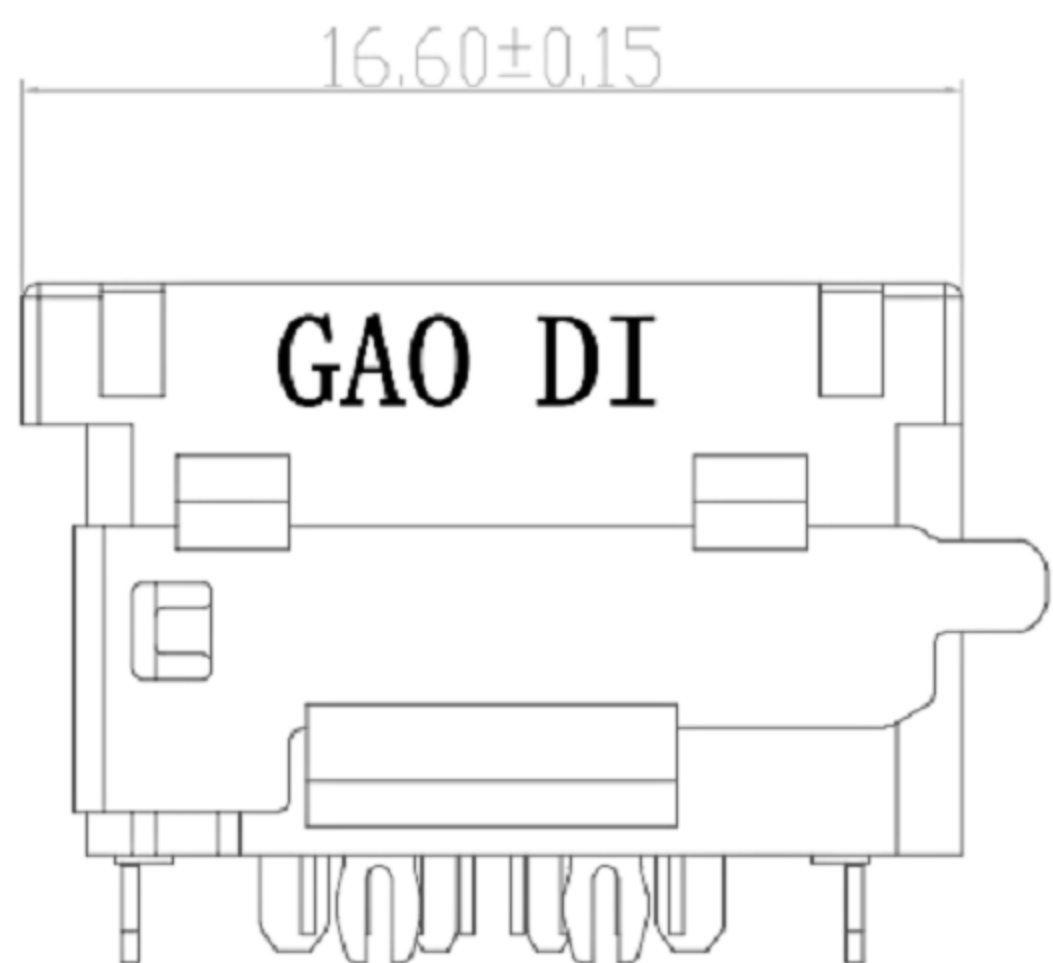
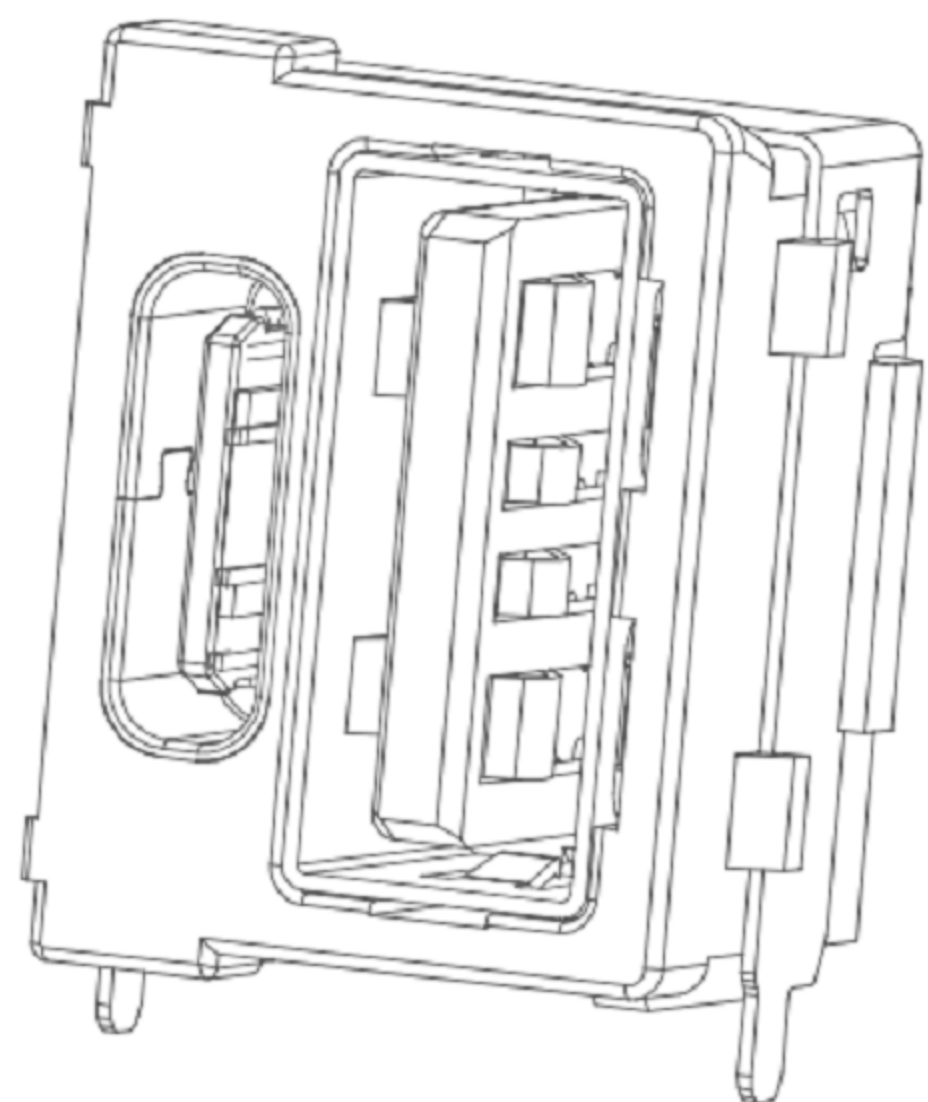
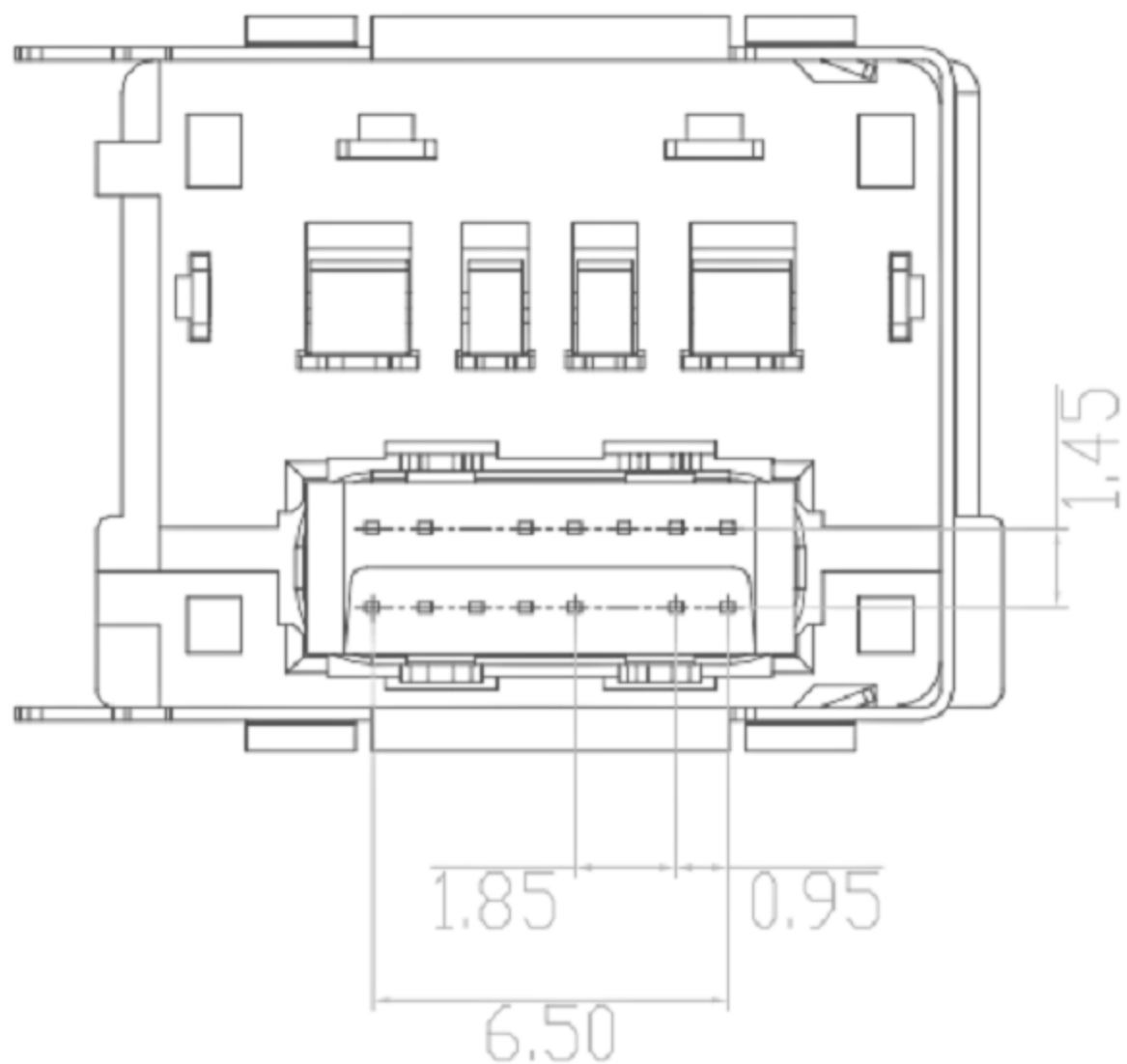
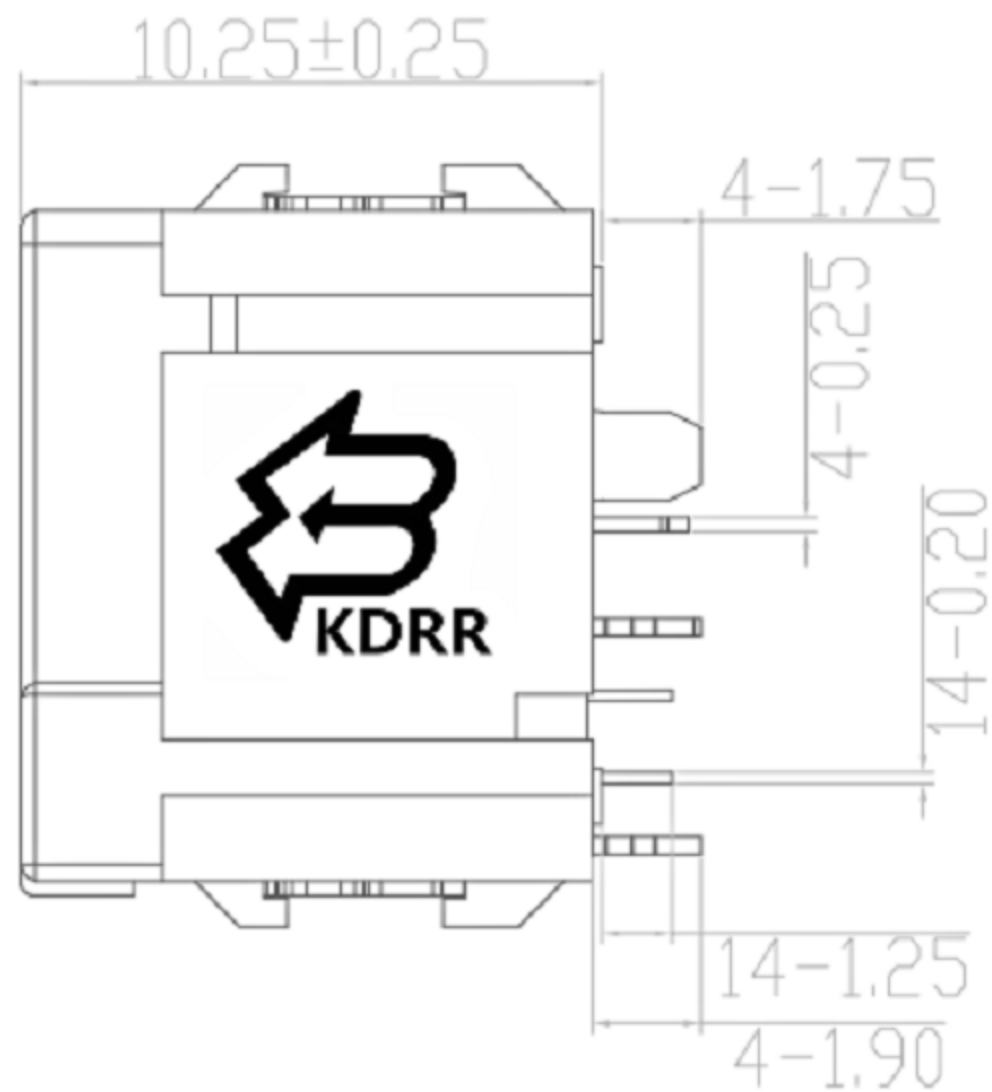
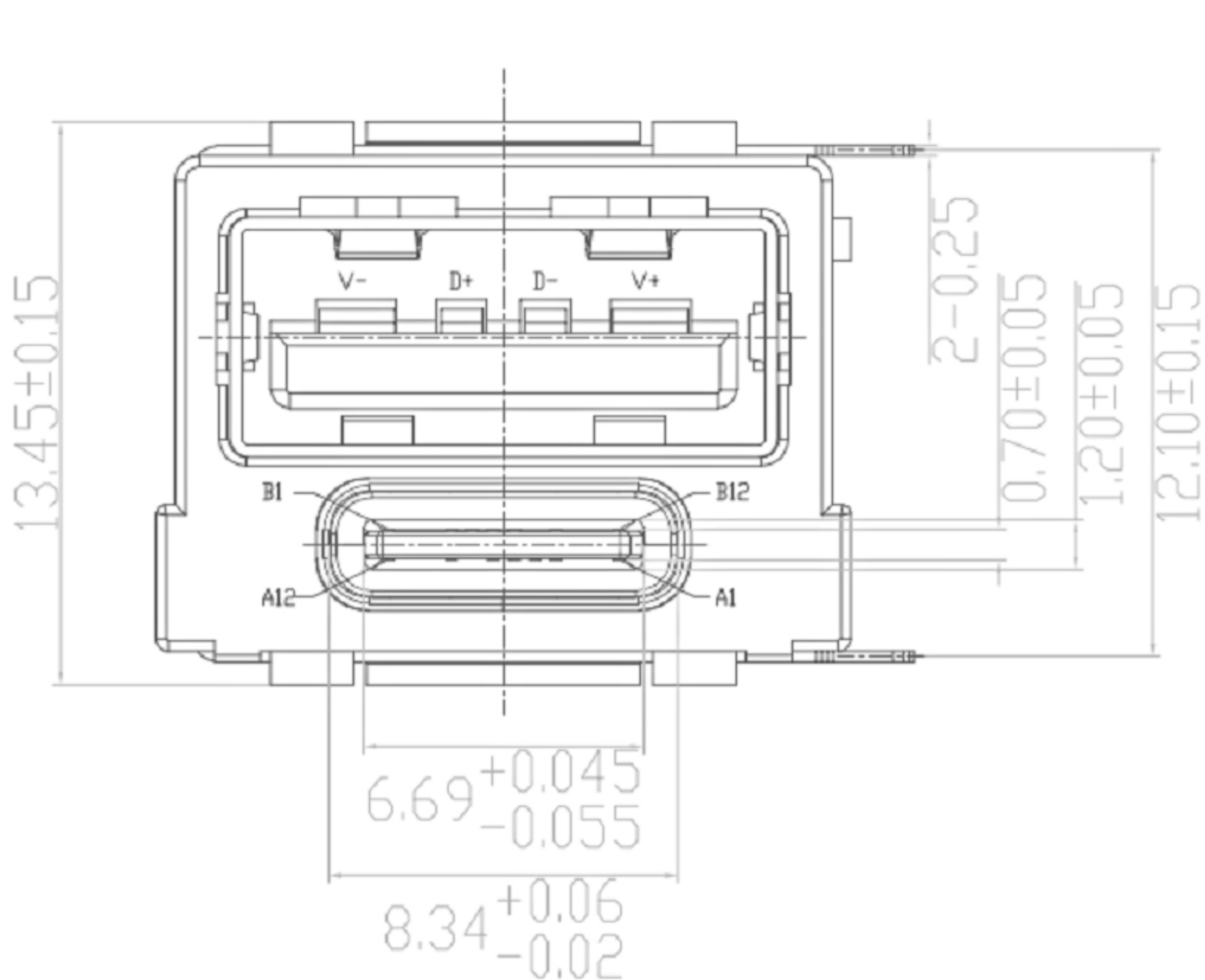
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: LCP
- 2.Contact: C1814
- 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



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

USB TYPE-C 14PIN PIN ASSIGNMENTS

PIN NUMBER	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND			V _{BUS}	CC1	Dp1	Dn1		V _{BUS}			GND
PIN NUMBER	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND			V _{BUS}		Dn2	Dp2	CC2	V _{BUS}			GND

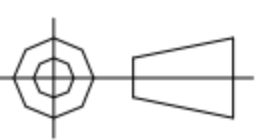


東莞市高迪電子有限公司
DONG GUAN GAO DI ELECTRONICS CO., LTD

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



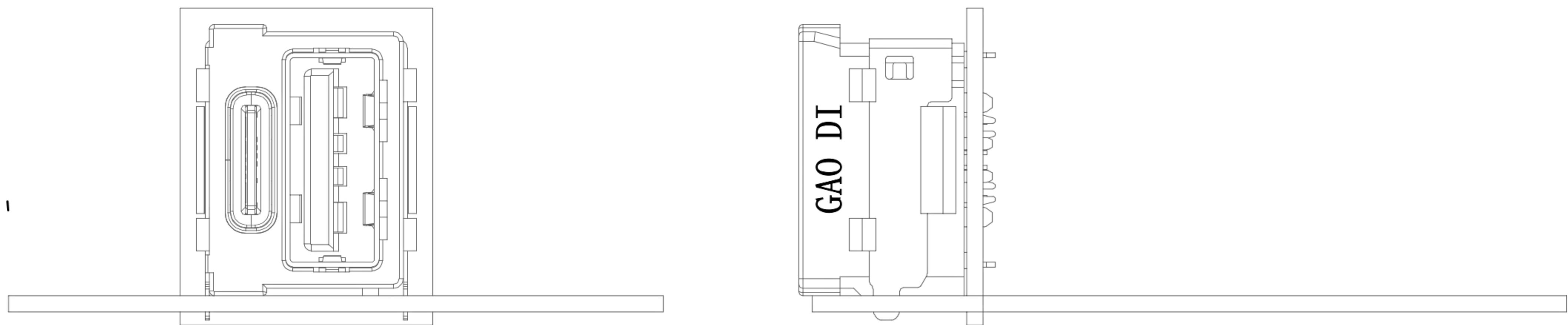
UNITS

MM

DRAWN BY: Jack Lu
DATE: 06/17/22
CHECKED BY: Jacky Chen
DATE: 06/17/22
APPROVED BY: Tony Kao
DATE: 06/17/22

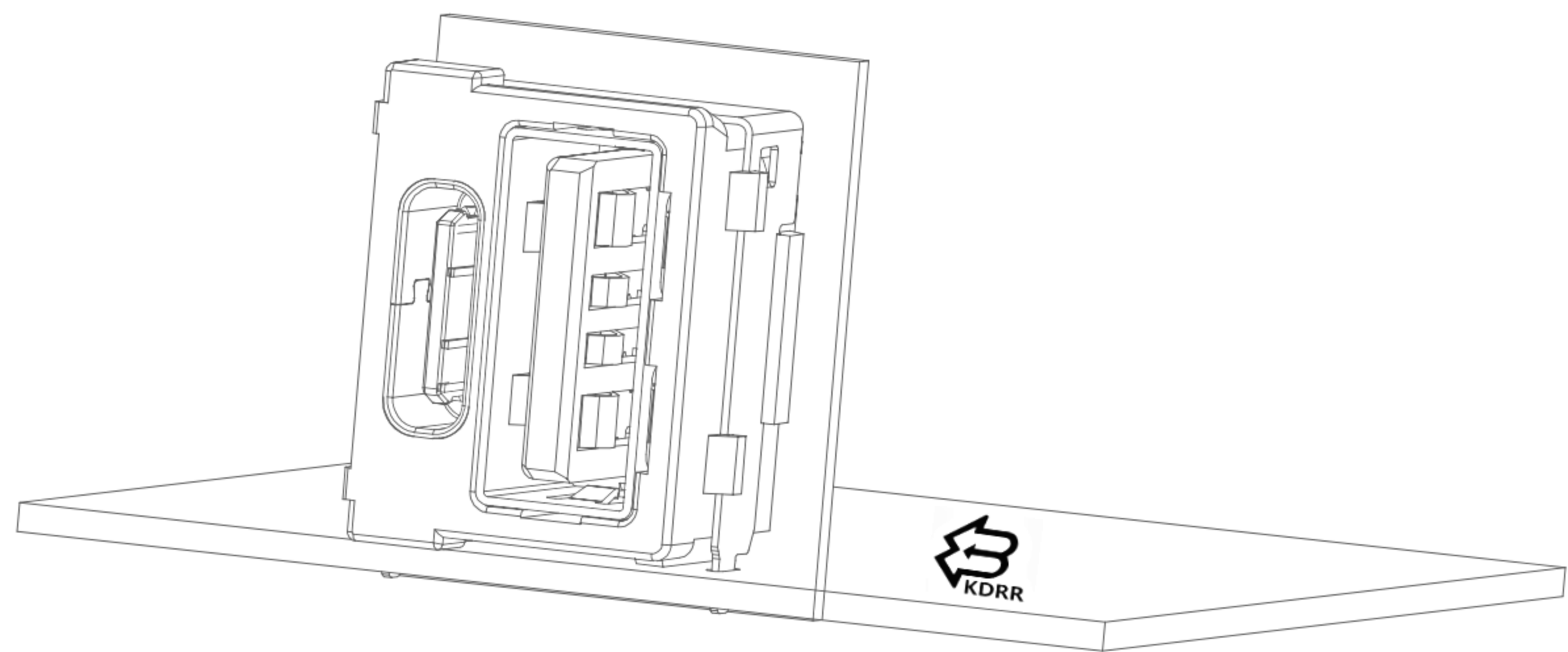
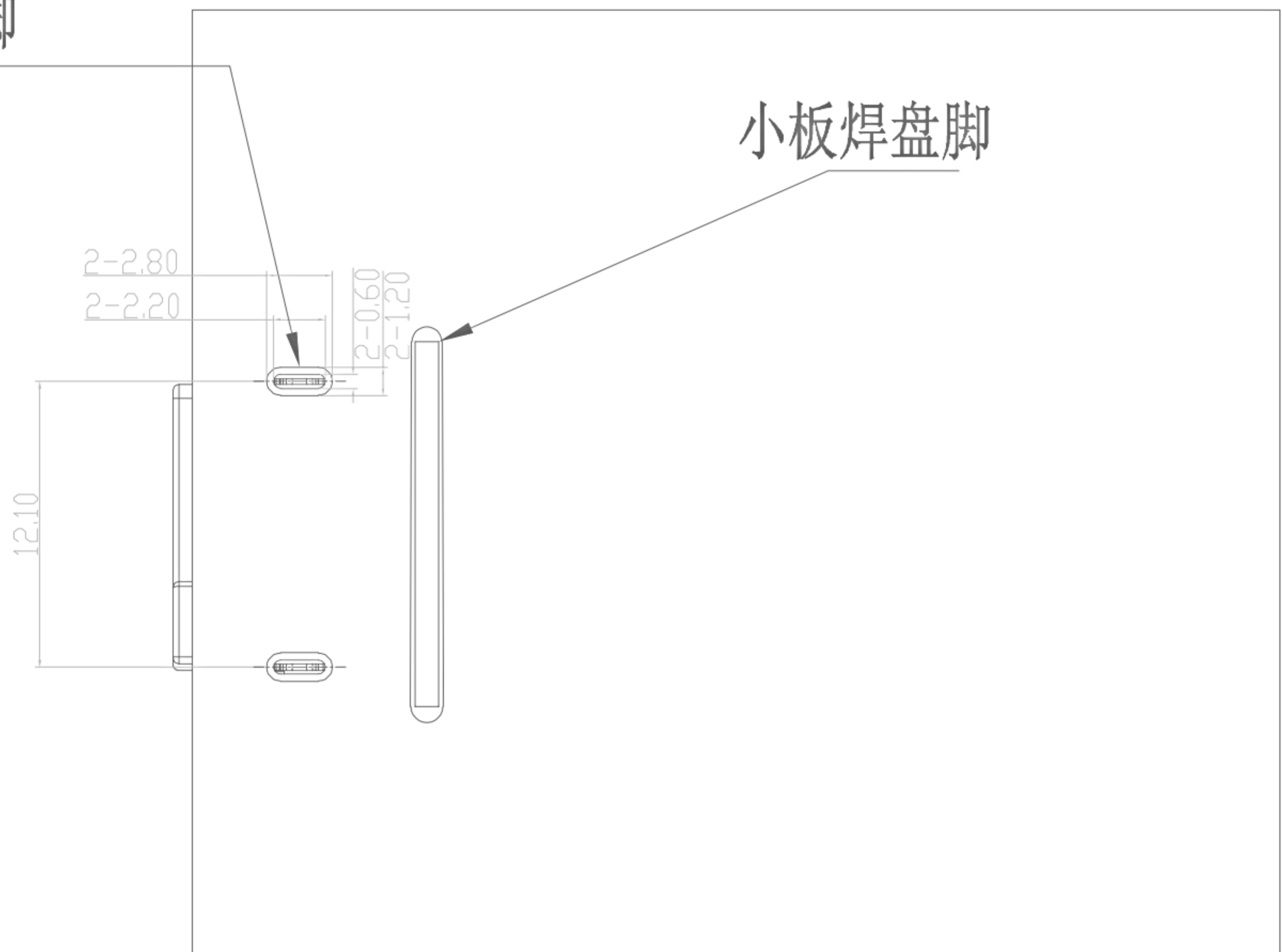
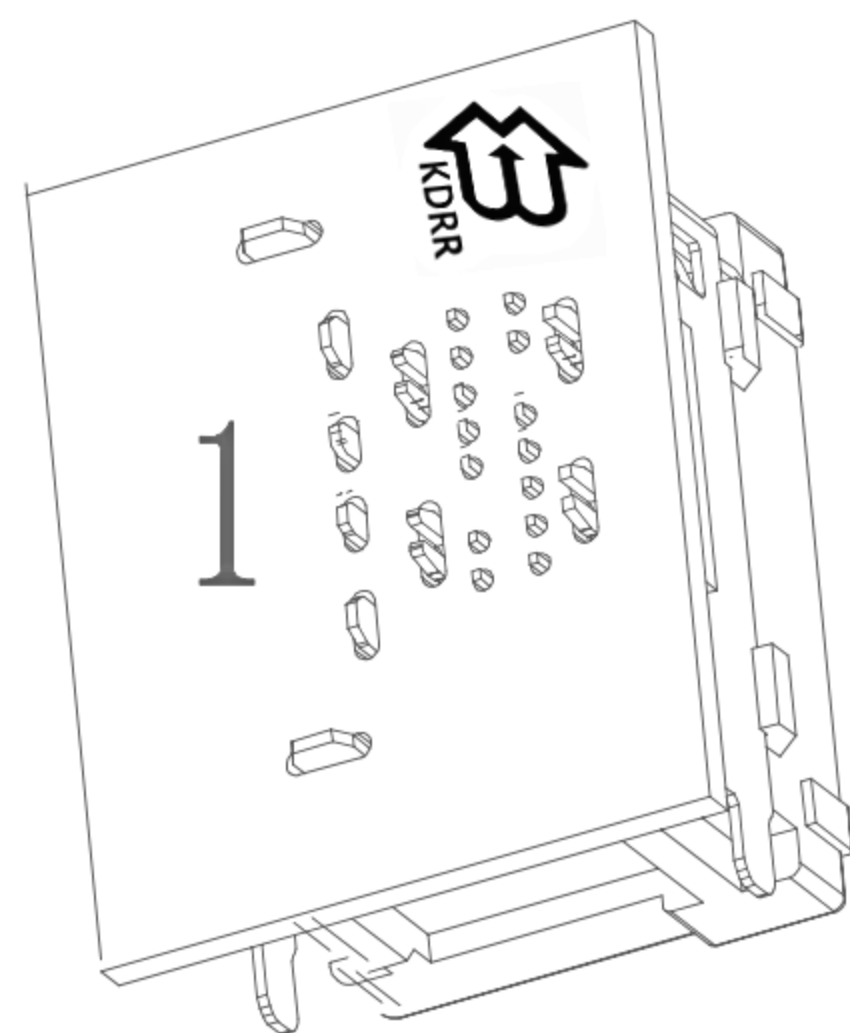
MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB C TYPE
SCALE	1 : 1	DWG NO.	GD-CMB-140W SERIES
SHEET NO.	1 of 1	PART NO.	
			SIZE A4
			VER R2

2	更新樣式	Jack	061722
1	新增尺寸	Jack	102521
ITEM NO.	DESCRIPTION	DRAWN	DATE



主板焊盘脚

小板焊盘脚



焊板方式图

1先焊好小板

2小板接主板, 直接插件过波峰焊

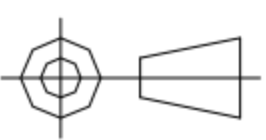


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OTHERWISE STATED :

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Above 5 ~ 15 ± 0.3
Above 15 ~ 30 ± 0.4
Above 30 ~ 50 ± 0.5
Angle $\pm 0.3^\circ$

3RD.
ANGEL'S



UNITS

MM

DRAWN BY:

Jack Lu

DATE

06/17/22

MAT'L

TITLE

CONNECTOR

CHECKED BY:

Jacky Chen

DATE

06/17/22

FINISH

MODLE

USB C TYPE

APPROVED BY:

Tony Kao

DATE

06/17/22

SCALE

1 : 1

DWG NO.

GD-CMB-140W SERIES

SIZE

A4

SHEET NO.

1 of 1

PART NO.

VER

R2

ITEM NO.	DESCRIPTION	DRAWN	DATE
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