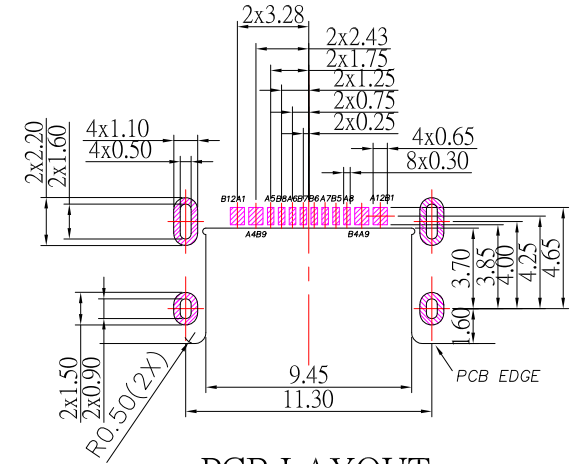


## SBC-WP160M6-20x-S332

鍍層厚度：

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

IPX7



## PCB LAYOUT

## SPECIFICATIONS

## Electrical:

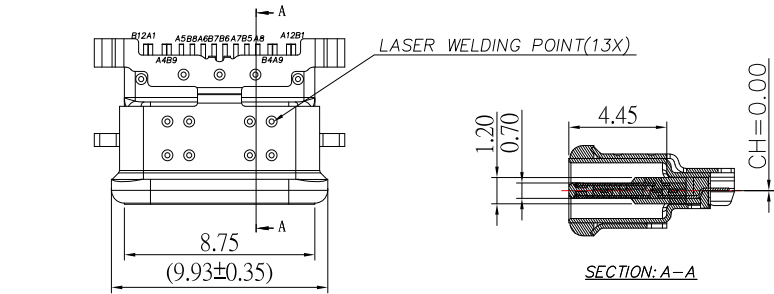
- 1.Rating: 48V , 5.0 A
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min

## Mechanical:

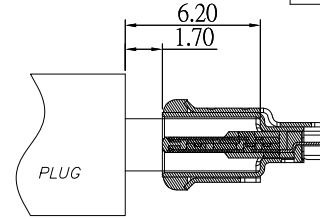
- 1.Connector Mate and Unmate Force
  - 1.1 Mate force: 5~20 N
  - 1.2 Unmate force: 8~20 N

## Material:

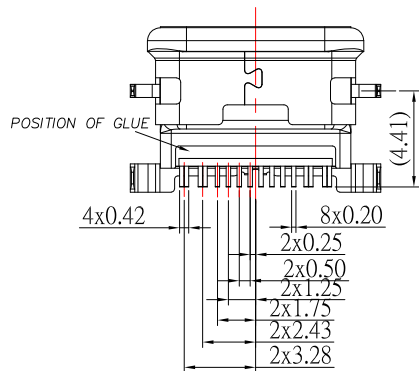
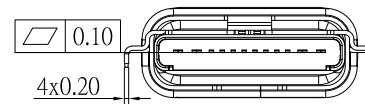
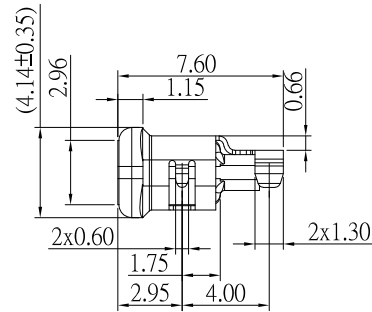
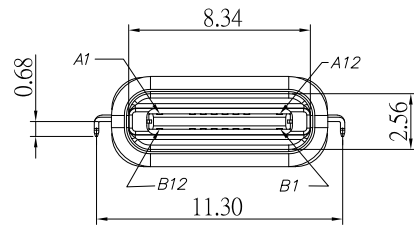
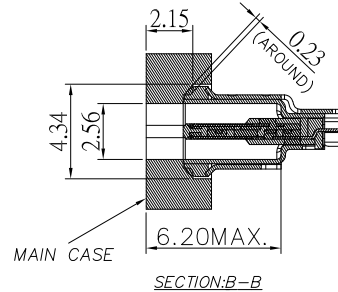
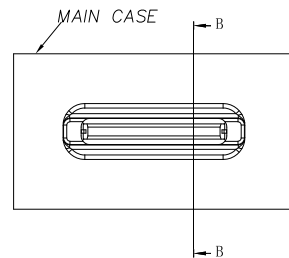
- 1.Housing: PA9T
- 2.Contact: C18150
- 3.Shell: SUS
- 4.Finish:
  - 1.Contact: Plated Gold in Mating Area ;  
Gold Plated on Solder Balls ;  
Nickel under plated overall
  - 2.Shell: Nickel under Plated surface layer



SECTION: A-A



AFTER MATING

RECOMMENDED OPENING DIMENSIONS  
OF CASE MATING AREA WITH SEALING RING

SECTION: B-B

## USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | Vbus        | B9         | Vbus        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | Vbus        | B4         | Vbus        |
| A12        | GND         | B1         | 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  
CHECKED BY: Jacky Chen  
APPROVED BY: Tony Kao

DATE: 10/16/24  
DATE: 10/16/24  
DATE: 10/16/24

MAT'L  
FINISH  
SCALE  
SHEET NO.

1 : 1  
1 of 1

TITLE  
MODLE  
DWG NO.  
PART NO.

CONNECTOR  
USB TYPE C 2.0 沉板 CH 0.0mm 防水型IPX7  
SBC-WP160M6-20x-S332  
SBC-WP160M6-20x-S332

SIZE  
A4  
VER  
R

ITEM NO. DESCRIPTION DRAWN DATE