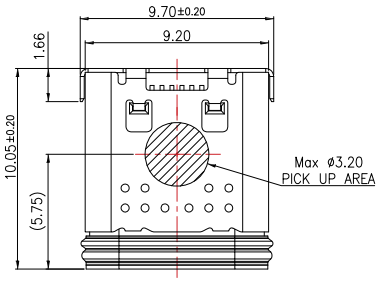
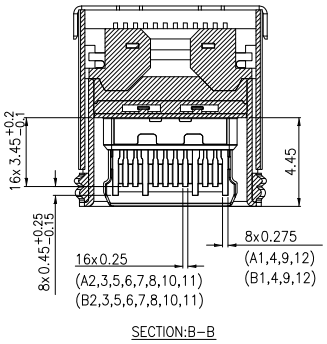
IPX7

RoHS Compliant



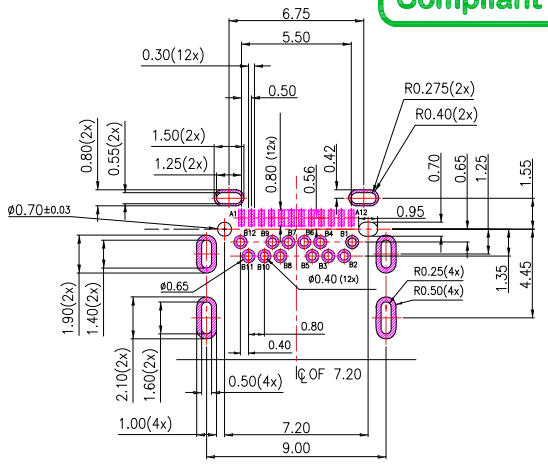


SECTION:B–B

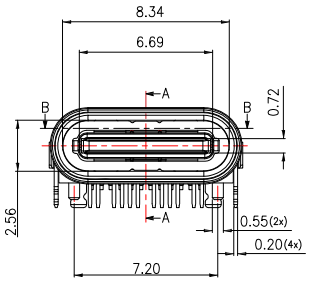
SBC-WP240S7-31x-S404

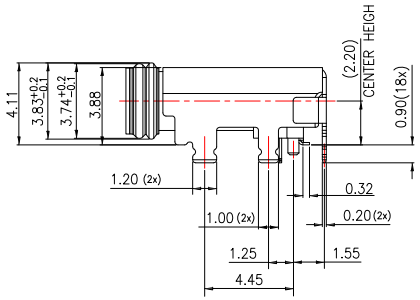
鍍層厚度 :

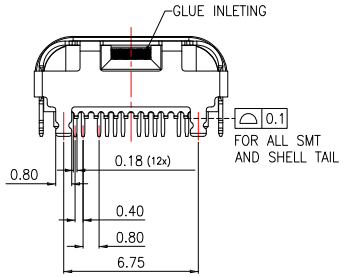
Blank : 1u"
2 : 15u"
3 : 30u"

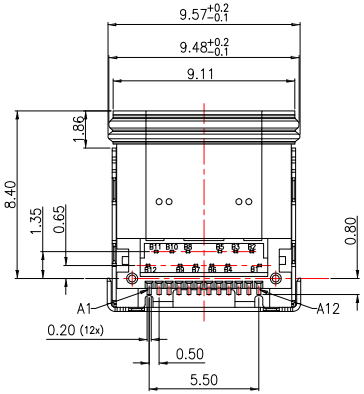


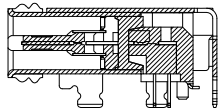
RECOMMENDED PCB LAYOUT(TOP VIEW)











SECTION:A–A

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXP1	B11	SSTXP1
A3	SSTXN1	B10	SSTXP1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSRXN2
A11	SSRXP2	B2	SSRXP2
A12	GND	B1	GND

FOUR GND PIN(A1,A12,B1,B12) ARE CONNECTOR.
FOUR VBUS PIN(A4,A9,B4,B9) ARE CONNECTOR.

SPECIFICATIONS

Electrical:

1. Rating: 5.0A
2. Contact Resistance: 40 mΩ Max
3. Insulation Resistance: 1000 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: PA46
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

ITEM NO.	DESCRIPTION	DRAWN	DATE

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

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 08/12/24	MAT'L	
CHECKED BY: Jacky Chen	DATE 08/12/24	FINISH	
APPROVED BY: Tony Kao	DATE 08/12/24	SCALE 1 : 1	SHEET NO. 1 of 1

TITLE	CONNECTOR
MODLE	USB 3.1 TYPE C 防水型
DWG NO.	SBC-WP240S7-31x-S404
PART NO.	SBC-WP240S7-31x-S404

SIZE A4 | VER R