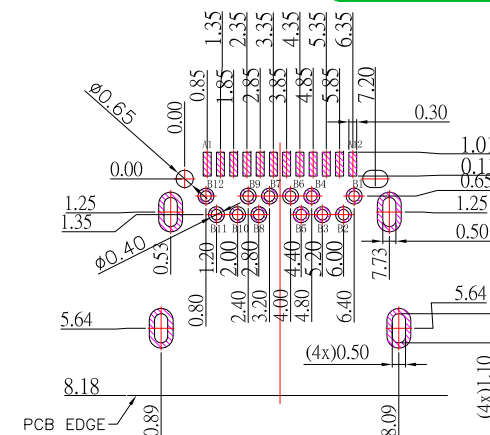




SBC-240S46-45x-S338

鍍層厚度

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



P.C.B LAYOUT

SPECIFICATIONS

Electrical:

- Rating: 20V , 3.0A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC

Mechanical:

- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: LCP
- Contact: C7025
- Shell: SUS

Finish:

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

USB TYPE-C FULL-FEATURED RECIPIENT INTERFACE PIN ASSIGNMENTS

Pin	Signal Name	Description	Mating Sequence	Pin	Signal Name	Description	Mating Sequence
A1	GND	Ground return	First	B12	GND	Ground return	First
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	Second	B11	SSRxp1	Negative half of first SuperSpeed RX differential pair	Second
A3	SSTxm1	Negative half of first SuperSpeed TX differential pair	Second	B10	SSRxm1	Positive half of first SuperSpeed RX differential pair	Second
A4	Vbus	Bus Power	First	B9	Vbus	Bus Power	First
A5	CC1	Configuration Channel	Second	B8	SRx2	Sideband Use (SBU)	Second
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	Second	B7	Dm2	Negative half of the USB 2.0 differential pair-Position 2	Second
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	Second	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2	Second
A8	SRx1	Sideband Use (SBU)	Second	B5	CC2	Configuration Channel	Second
A9	Vbus	Bus Power	First	B4	Vbus	Bus Power	First
A10	SSRxm2	Negative half of second SuperSpeed RX differential pair	Second	B3	SSTxm2	Positive half of second SuperSpeed TX differential pair	Second
A11	SSRxp2	Positive half of second SuperSpeed RX differential pair	Second	B2	SSTxp2	Negative half of second SuperSpeed TX differential pair	Second
A12	GND	Ground return	First	B1	GND	Ground return	First

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
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao

DATE: 01/05/24
DATE: 01/05/24
DATE: 01/05/24

MAT'L
FINISH
SCALE
SHEET NO.

1 : 1
1 of 1

TITLE
MODLE
DWG NO.
PART NO.

CONNECTOR
USB4.0 TYPE CF SMT-DIP CL1.68 L9.87 GEN 3X2 40G
SBC-240S46-45x-S338
SBC-240S46-45x-S338

SIZE
A4
VER
R