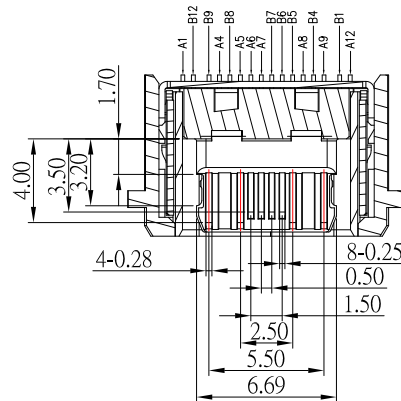




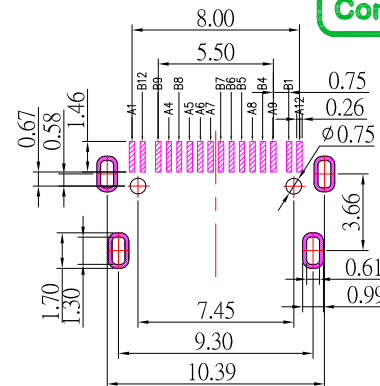
SBC-160S12H-20x-S331

鍍層厚度:

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



截面 B-B



RECOMMENDED PCB LAYOUT

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0V , 5.0 A
- 2.VOLTAGE: 100V AC
- 3.Dielectric Withstand Voltage: 100V AC
- 4.Contact Resistance: 40 mΩ Max
- 5.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:

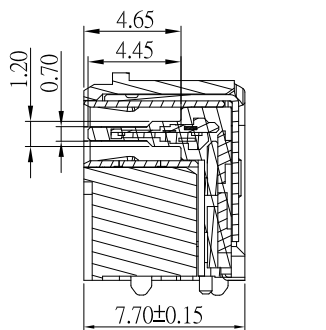
- 1.Housing: LCP
- 2.Contact: C18150
- 3.Shell: SUS

Finish:

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

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



截面 A-A



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
03/30/23

CHECKED BY:
Jacky Chen

DATE
03/30/23

APPROVED BY:
Tony Kao

DATE
03/30/23

MAT'L

FINISH

SCALE
1 : 1

TITLE
CONNECTOR

MODLE
USB 3.1 TYPE C 單排SMT墊高6.96 L 7.7mm

DWG NO.
SBC-160S12H-20x-S331

PART NO.
SBC-160S12H-20x-S331

ITEM NO.	DESCRIPTION	DRAWN	DATE