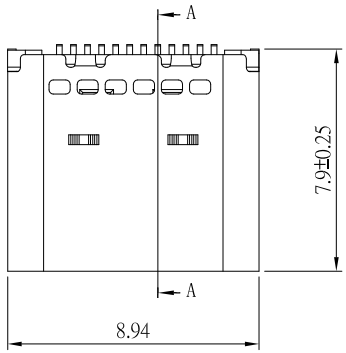
TID:10053

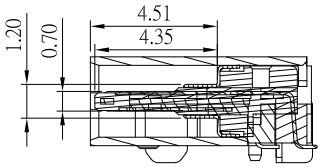
RoHS Compliant

SBC-240S4-31x-S412

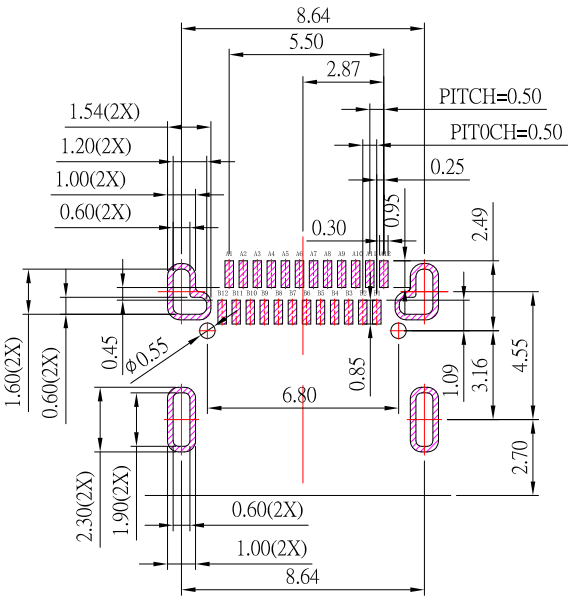
鍍層厚度 :

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

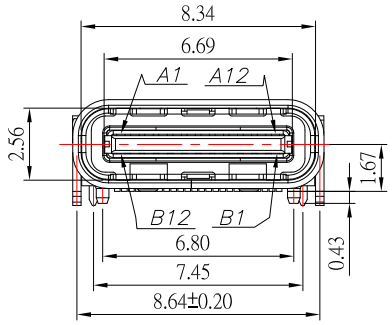


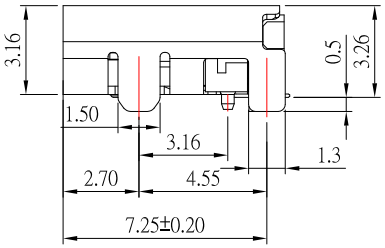


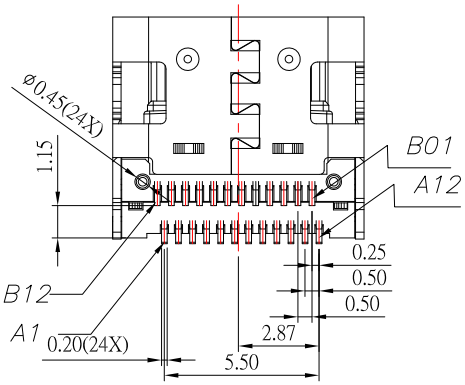
截面A-A

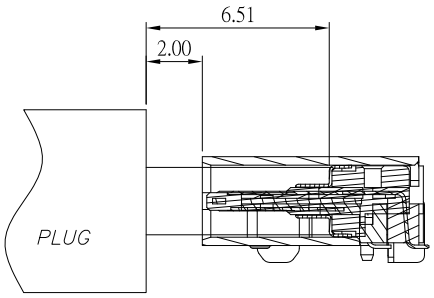


P.C.B LAYOUT MOUNTING PATTERN









AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

SPECIFICATIONS

Electrical:

1.Current Rating: 5.0A

2.Voltage Rating: 20V

3.Contact Resistance: 40 mΩ Max

4.Insulation Resistance: 100 MΩ Min

5.Dielectric Withstanding Voltage: 100V AC

Mechanical:

1.Connector Mate and Unmate Force

1.1 Mate force: 5~20N

1.2 Unmate force: 8~20N

1.3 Operating temperature: -40˚C ~ 105˚C

Material:

1.Housing: LCP

2.Contact: C18400

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
8	更新PCB LAYOUT尺寸	Jack	121323
7	新增TID號碼	Jack	092823
6	新增PCB LAYOUT尺寸	Jack	090723
5	新增Operating temperature	Jack	070723
4	更新Contact材質	Jack	030923
3	更新Current Rating和Voltage Rating	Jack	080522
2	新增PCB LAYOUT	Jack	111121
1	更新樣式	Jack	011121

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 12/13/23	MAT'L	
CHECKED BY: Jacky Chen	DATE 12/13/23	FINISH	
APPROVED BY: Tony Kao	DATE 12/13/23	SCALE 1 : 1	SHEET NO. 1 of 1

TITLE	CONNECTOR		
MODLE	USB 3.1 C TYPE SMT 板上雙貼		
DWG NO.	SBC-240S4-31x-S412	SIZE	A4
PART NO.	SBC-240S4-31x-S412	VER	R8