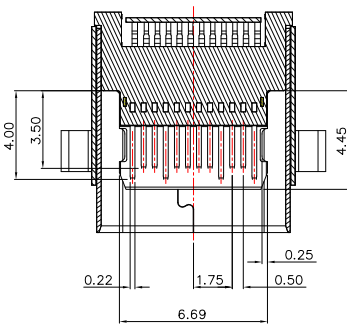
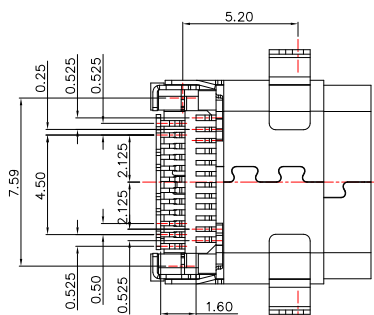
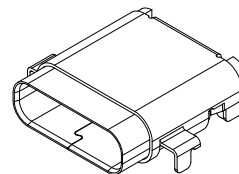
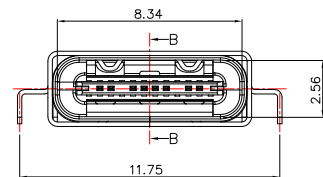
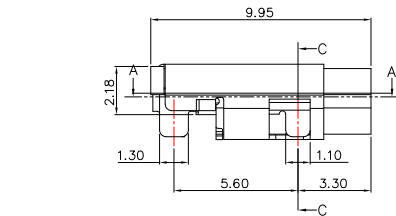




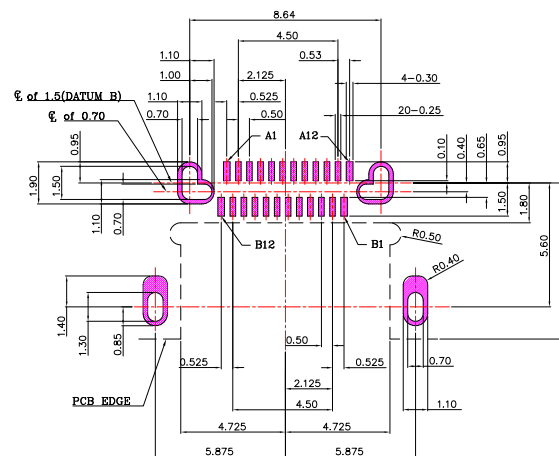
SBC-240M8-31x-S338

鍍層厚度:

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



SECTION A-A
SCALE: 1:1



RECOMMENDED P.C.B. LAYOUT

SPECIFICATIONS

Electrical:

1. Rating: 5.0 A for VBUS
0.25A for other
2. Dielectric Withstand Voltage: 100V AC
3. Contact Resistance: 40 mΩ Max
4. Insulation Resistance: 100 MΩ Min

Mechanical:

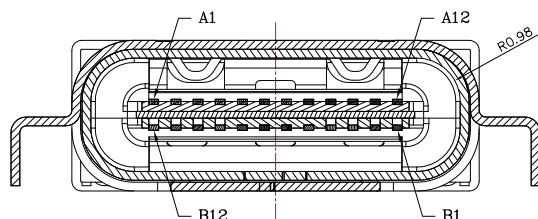
1. Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

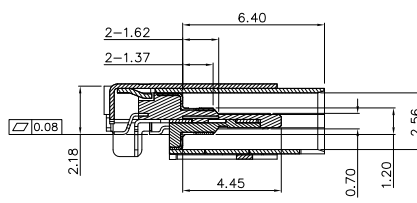
1. Housing: LCP, UL 94V-0
2. Contact: BRASS
3. Shell: SUS

Finish:

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



SECTION C-C
SCALE: 2:1



SECTION B-B
SCALE: 1:1

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRx1	Positive half of first SuperSpeed RX differential pair
A3	SSTxm1	Negative half of first SuperSpeed TX differential pair	B10	SSRxm1	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBW2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dm2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dm1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRx2	Negative half of second SuperSpeed RX differential pair	B3	SSTx2	Negative half of second SuperSpeed TX differential pair
A11	SSRx2	Positive half of second SuperSpeed RX differential pair	B2	SSTx2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

ITEM NO.	DESCRIPTION	DRAWN	DATE
2	更新底部樣式	Jack	012119
1	更新材質	Jack	063016

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:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	01/21/19			
CHECKED BY:	DATE	FINISH	MODLE	USB 3.1 TYPE C 母座沉板, 板上 H2.28mm
Jacky Chen	01/21/19			
APPROVED BY:	DATE	SCALE	DWG NO.	SBC-240M8-31x-S338
Tony Kao	01/21/19	1 : 1	PART NO.	SBC-240M8-31x-S338
		SHEET NO.	1 of 1	SIZE A4
				VER R2