



SBC-240S5-31x-S338

鍍層厚度:

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

SPECIFICATIONS

Electrical:

- Rating: 5.0 A for VBUS
0.25A for other
- Dielectric Withstand Voltage: 100V AC
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min

Mechanical:

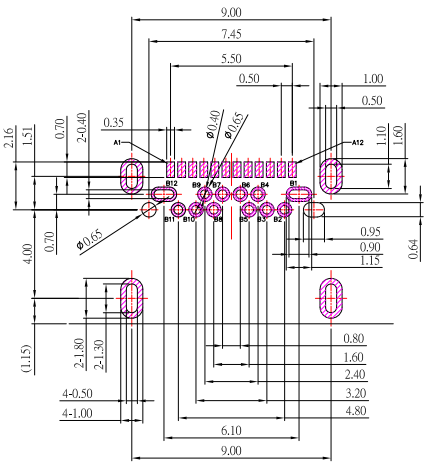
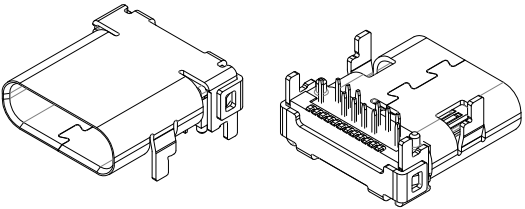
- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: LCP
- Contact: PHOSPHOR BRONZE
- Shell: SUS

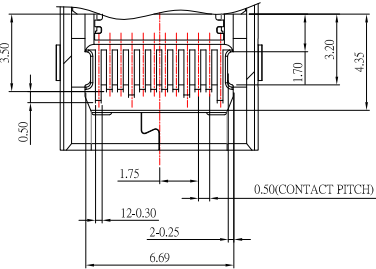
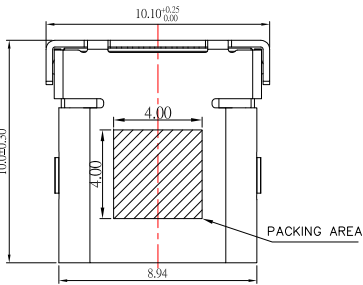
Finish:

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

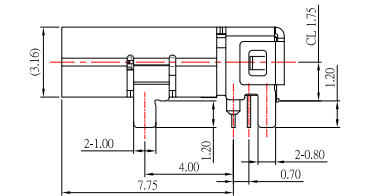
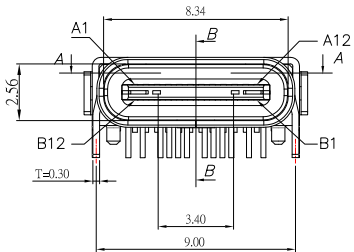


RECOMMENDED P.C.B. LAYOUT

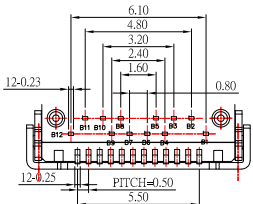
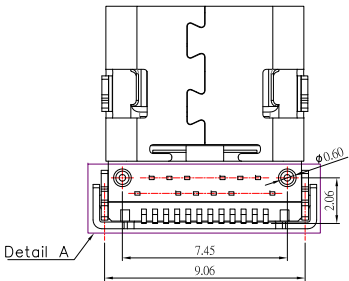
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	Vas	Bus Power	B9	Vas	Bus Power
A5	CC1	Configuration Channel	B8	SRU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	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	SRU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	Vas	Bus Power	B4	Vas	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return



SECTION B-B



SECTION A-A



Detail A



东莞市高迪电子有限公司

Dong Guan KDRR Electronic Switch Jack Co., Ltd.

TOLERANCE UNLESS OTHERWISE STATED :	Up to 5 ±0.2	3RD. ANGEL'S		UNITS	MM
	Above 5 ~ 15 ±0.3				
	Above 15 ~ 30 ±0.4				
	Above 30 ~ 50 ±0.5				
	Angle ±0.3°				

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	03/21/19			
CHECKED BY:	DATE	FINISH	MODLE	USB 3.1 TYPE C SMT腳+PIN腳長1.2 定位柱距離7.45mm
Jacky Chen	03/21/19			
APPROVED BY:	DATE	SCALE	DWG NO.	SBC-240S5-31x-S338
Tony Kao	03/21/19	1 : 1	PART NO.	SBC-240S5-31x-S338
		SHEET NO.	1 of 1	