



SBC-241PLM3-31x-S338

鍍層厚度：

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

SPECIFICATIONS

Electrical:

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

Mechanical:

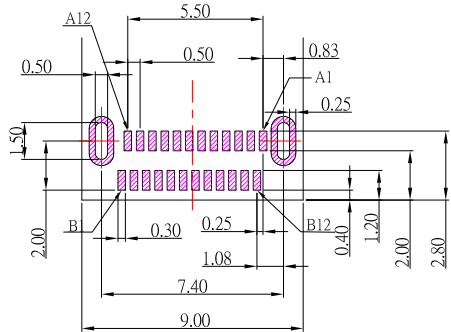
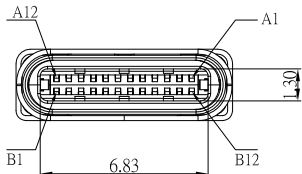
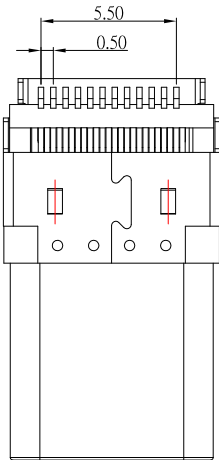
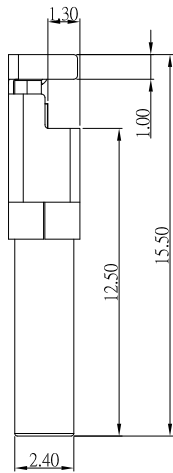
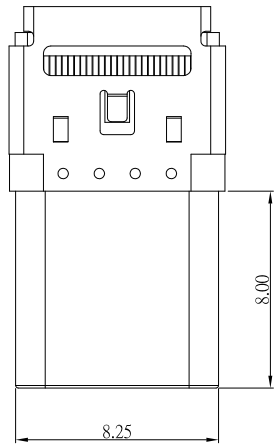
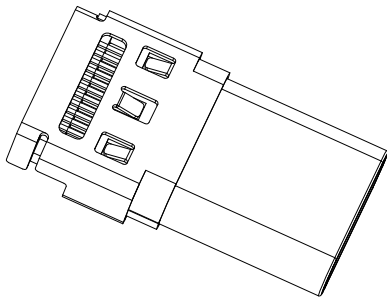
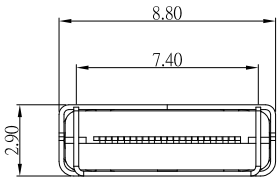
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: LCP,UL 94V-0
- 2.Contact: Phosphor Bronze
- 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



P.C.B LAYOUT MOUNTING PATTERN

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTx1	Positive half of first SuperSpeed TX differential pair	B11	SSRx1	Positive half of first SuperSpeed RX differential pair
A3	SSTx1	Negative half of first SuperSpeed TX differential pair	B10	SSRx1	Negative half of first SuperSpeed RX differential pair
A4	Vu2	Bus Power	B9	Vu2	Bus Power
A5	CC1	Configuration Channel	B8	SR02	Sideband Use (SR0)
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	SR01	Sideband Use (SR0)	B5	CC2	Configuration Channel
A9	Vu2	Bus Power	B4	Vu2	Bus Power
A10	SSRx2	Negative half of second SuperSpeed RX differential pair	B3	SSTx2	Positive half of second SuperSpeed TX differential pair
A11	SSRx2	Positive half of second SuperSpeed RX differential pair	B2	SSTx2	Negative half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

3	更新為A0版	Jack	121417
2	更新PIN定義	Jack	033017
1	更新零件樣式	Jack	090916
ITEM NO.	DESCRIPTION	DRAWN	DATE

				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	12/14/17			
CHECKED BY:	DATE	FINISH	MODLE	TYPE C Male SMT 沉板 ,板上H:1.6mm
Jacky Chen	12/14/17			
APPROVED BY:	DATE	SCALE	DWG NO.	SBC-241PLM3-31x-S338
Tony Kao	12/14/17	1 : 1	PART NO.	SBC-241PLM3-31x-S338
			SHEET NO.	1 of 1
			SIZE	A4
			VER	A0