

SBC-240S1B-31x-S338

鍍層厚度:

Blank : 1u"

2 : 15u"

3 : 30u"

SPECIFICATIONS

Electrical:

1. Rating: 3.0A , 30V AC
2. Contact Resistance: 40 mΩ Max
3. Insulation Resistance: 100 MΩ Min
4. Dielectric Withstanding Voltage: 100V AC

Mechanical:

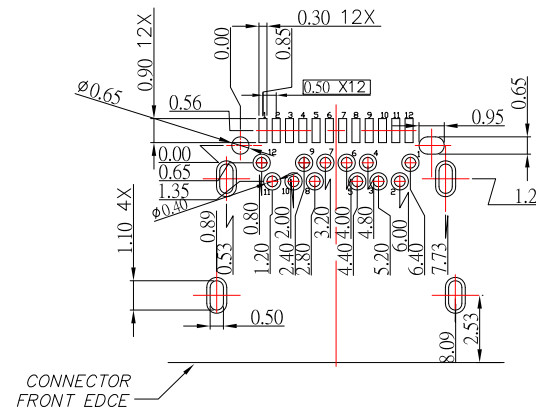
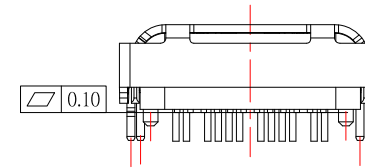
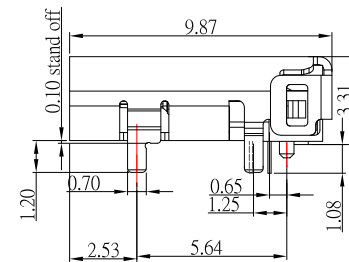
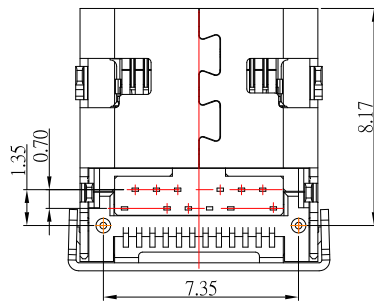
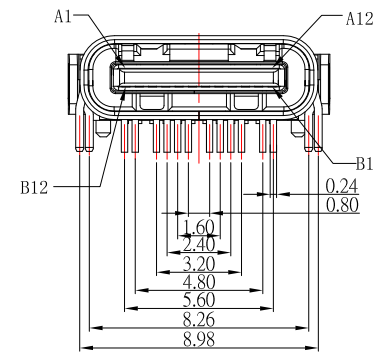
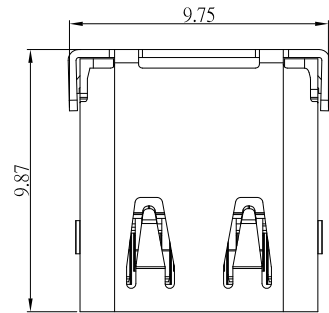
1. Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

1. Housing: LCP
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



USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

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	Negative half of first SuperSpeed RX differential pair
A3	SSTx2	Negative half of first SuperSpeed TX differential pair	B10	SSRx2	Positive half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dx1	Positive half of the USB 2.0 differential pair=Position 1	B7	Dx2	Negative half of the USB 2.0 differential pair=Position 2
A7	Dx1	Negative half of the USB 2.0 differential pair=Position 1	B6	Dx2	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	SSRx1	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	SSTx1	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

P.C.B LAYOUT MOUNTING PATTERN



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
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

Jack Lu 11/07/19

CHECKED BY: DATE

Jacky Chen 11/07/19

APPROVED BY: DATE

Tony Kao 11/07/19

MAT'L

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

USB 3.1 TYPE C PIN脚長1.25, 定位柱距離7.35mm

SBC-240S1B-31x-S338

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SIZE

A4

VER

R6

6	更新圖面	Jack	110719
5	更新樣式	LAN	042219
4	更新PIN定義	Jack	051717
3	更新樣式	Jack	040717
2	新增PCB LAYOUT尺寸	Jack	032417
1	更新pin腳數量及MODLE敘述	Jack	111516
ITEM NO.	DESCRIPTION	DRAWN	DATE