



SBC-241VSE6-31x-S331

鍍層厚度:

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

SECTION:A-A

SECTION:B-B

RECOMMEND P.C.B LAYOUT

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0V , 3.0A
- 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
- 2.Contact: C7025
- 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 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



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CONTACT TECHNOLOGY CORP.

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
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DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	09/05/23			
CHECKED BY:	DATE	FINISH	MODLE	TYPE C MALE VERTICAL H:9.0mm SMT TYPE
Jacky Chen	09/05/23			
APPROVED BY:	DATE	SCALE	DWG NO.	SIZE
Tony Kao	09/05/23	1 : 1	SBC-241VSE6-31x-S331	A4
		SHEET NO.	PART NO.	VER
		1 of 1	SBC-241VSE6-31x-S331	R3

ITEM NO.	DESCRIPTION	DRAWN	DATE
3	更新材質	Jack	090523
2	更新料號	Jack	031022
1	更新料號	Jack	051220