



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND				CC1	D+	D-					GND
First				Second	Second	Second					First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
			VBUS				CC2	VBUS			
			First				Second	First			

SPECIFICATIONS

Electrical:

1. Rating: 5.0A (V BUS&GND), 0.25A (Other Pin)
2. Voltage rating: 12V 24V AC
3. Contact Resistance: 40 mΩ Max
4. Insulation Resistance: 100 MΩ Min
5. Dielectric Withstanding Voltage: 100V AC
6. Operating temperature: -40° C ~ +85° C
7. Waterproof grade: IP 50
8. Durability cycle: 10,000 cycles

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: C18400
3. Shell: SUS
4. O-ring: Silicone

Finish:

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

鍍層厚度:

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

东莞市溪榜电子有限公司
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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

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	03/10/22			
CHECKED BY:	DATE	FINISH	MODLE	Vertical Type-c 8P Female DIP H=6.1mm
Jacky Chen	03/10/22			
APPROVED BY:	DATE	SCALE	DWG NO.	XB-USB-C-0811
Tony Kao	03/10/22	1:1	PART NO.	
		SHEET NO.	1 of 1	

1	更新圖面	Jack	031022
ITEM NO.	DESCRIPTION	DRAWN	DATE