



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: C7025
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS: Ni 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N) PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - FRONT SHELL: Ni 30u" MIN. UNDER PLATED OVER ALL.
  - MID PLATE: CLEAR ONLY
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 3.0A VOLTAGE RATING: 5.0V
  - LLCR: VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX. SHIELD: 50mA/MAX. LLCR MAX. CHANGE OF ALL PINS: 10mA.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE: OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PIN ASSIGNMENT											
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	\	\	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	\	\	GND
GND	\	\	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	\	\	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

3	SHELL	STAINLESS STEEL	Ni/Cu Plated	1PCS
2	CONTACT	C7025	Contactarea G/F 1U/3U"	1SET
1	MD	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

MANUFACTURE DWG			东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co., Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES			TITLE: TYPE C 母座单排 16P 贴片 6.8 长无弹有柱 牌长 0.8 (7025 1U)	
DECIMALS:	ANGLES:		PAR	TYPEC-310-ACP16L68
.X: ±0.25	X': ±2'		DWN	
.XX: ±0.15	X.X': ±0.5'		CHKD	
.XXX: ±0.10			APVD	
CUSTOMER COPY		SCALE 1:1	UNIT: MM	REV: A
		SIZE: A4	SHEET: 1F1	