



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$

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: 100M $\Omega$  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 座单排 16P 贴片 7.35 长前插后 贴无弹有柱脚长 1.0 (C7025 1U)
			PAR TYPEC-312DSS-ACP16
DECIMALS: ANGLES:			DWN
.X: ±0.25 X': ±2'			CHKD
.XX: ±0.15 X.X': ±0.5'		APVD	SCALE 1:1 UNIT: MM
.XXX: ±0.10		CUSTOMER COPY	SIZE: A4 SHEET: 1F1 REV: A