



- NOTE:**
- MATERIAL SPECIFICATION:**
 - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - CONTACTS:COPPER ALLOY
 - 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:** SEE TABLE1.
 - SHIELD PLATE&EMI 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: 40mΩ/PIN MAX. SHIELD: 50mΩ/MAX. LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 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.

PCB LAYOUT(Recommend)
(General Tolerance:±0.05)

PIN ASSIGNMENTS

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

UNLESS OTHERWISE SPECIFIED TOLERANCES	DONGDUAN DEALON ELECTRONICS CO.,LTD			
DECIMALS:	ANGLES	TITLE: TYPE-C 16Pin 板上型(8次模顶带铜片)	PART NO. USB-TYPE-C-017	PROJ.
X. ±0.20	X°. ±2°	Drdr ^{min} JACK.LI	SCALE: 1:8	UNIT: mm
X.X ±0.15	X.X° ±1°	Checked: PETER.LIU	SIZE: A4	SHEET: 1 of 1
X.XX ±0.10	X.XX° ±0.5°	Approved: JACK.D		REV. A
X.XXX ±0.05				CUSTOMER COPY