



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

**NOTE:**

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC:UL94 V-0.
  - 2.CONTACTS: COPPER ALLOY
  - 3.MID PLATE: STAINLESS STEEL
  - 4.FRONT SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
  - 2-1.CONTACTS:
    - NI: 50U" MIN. UNDER PLATED OVER ALL.
    - AU PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 (GOLD PLATING THICKNESS FOLLOW THE P/N)
  - 2-2.FRONT SHELL:
    - NI: 30U" MIN. UNDER PLATED OVER ALL.
- 2-3.MID PLATE: CLEAR ONLY
- 3.MECHANICAL PERFORMANCE:
  - 3-1.INSERTION FORCE: 0.5~1.5kgf.
  - 3-2.REMOVAL FORCE: 0.8kgf~1.5kgf.
  - 3-3.DURABILITY: 5000 CYCLES.
- 4.ELECTRICAL PERFORMANCE:
  - 4-1. CURRENT RATING:3.0A
  - VOLTAGE RATING:5.0V
  - 4-2. ILCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/MAX
    - ILCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - 4-3.INSULATION RESISTANCE: 100MΩ MIN
  - 4-4.DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25℃~+85℃
  - 6.IR REFLOW:
    - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

TOLERANCES 一般公差		UNIT : mm	深圳市金航标电子有限公司		www.BDS666.COM	
DISTANCE	±0.30	DRAWN	KH-TYPE-C-W.CB1.6-16P		0755-83044319	
X	±0.25		TONY			
.X	±0.15	CHECKED	JACK			
.XXX	±0.10		DAVID			
ANGLE	±2°	APPROVE				
X°	±1°					
.XX°	±0.5°					
TITLE : TYPE-C 16PIN 单排 沉板1.6mm L=6.5mm		DWG NO. :		SIZE A4		
PARTS NO. :		SCALE 1:1		SHEET 1 of 1		
				REV. A		

REV.	ECN NO.	DESCRIPTION	APP.	DATE
A				