



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 1.6±0.10MM;DEFAULT TOLERANCE:±0.05

PIN ASSIGNMENTS

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

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)  
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
- 2-2.FRONT SHELL:  
SEE TABLE1.
- 2-3.SHIELD PLATE&EMI PLATE:  
CLEAR ONLY
- 3.MECHANICAL PERFORMANCE:  
3-1.INSERTION FORCE: 0.5~2.0kgf.  
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.  
3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE:  
4-1. CURRENT RATING:5.0A  
VOLTAGE RATING:5.0V
- 4-2. LCR:  
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
SHIELD: 50mΩ/MAX.  
LCR 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°C~+85°C.  
6.IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

UNLESS OTHERWISE SPECIFIED TOLERANCES:		深圳市金航标电子有限公司		WWW.BDS666.COM	
DECIMALS:		KH-TYPE-C-CB0.8-6P		0755-83044319	
ANGLES:		TITLE: TYPE-C 6Pin 沉板0.80mm (无薄片)			
X. ±0.20	X' ±2°	Drawn	PART NO.	UNIT	PROJ.
X.X ±0.15	X.X' ±1'	Checked	SCALE: 1:8	mm	
X.XX ±0.10	X.XX' ±0.5'	Approved	SIZE: A4	SHEET: 1 OF 1	REV. A
X.XXX ±0.05		JACK.LI			
CUSTOMER COPY					

Rev No.	Description of Revision	Date	Name	Approved	ECN No.