



NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 BLACK.
  - 1-2.CONTACTS: BRASS
  - 1-3.SHIELDING PLATE: STAINLESS STEEL
  - 1-4.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.
  - 2-2.FRONT SHELL: Ni 30u" MIN. UNDER PLATED OVER ALL.
- 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:3.0A VOLTAGE RATING:5.0V
  - 4-2. LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX. SHIELD: 50mΩ/MAX. LLCR 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.

\* SIGN "X" IS IMPORTANCE DIMENSION

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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

**KEM 奇速科技有限公司**  
Qi-Speed Technology CO., LTD.

產品名稱:  
PRODUCT NAME  
USB C F TYPE单排SMT6.5四脚插板

版本	修改事項	修改日期

單位: mm	繪圖	設計	審核	核准	料號:KUSBC035-F001 PART NUMBER
比例:	DRAWING	DESIGNED	CHECKED BY	APPROVAL BY	
公差: .X ±0.38 .XX ±0.25 .XXX ±0.13	JOHNY	JOHNY	LUKE	JAMES	圖號:KUSBC035-F001-1 DRAWING NO
日期: 2017/3/28					版本: REV. 0