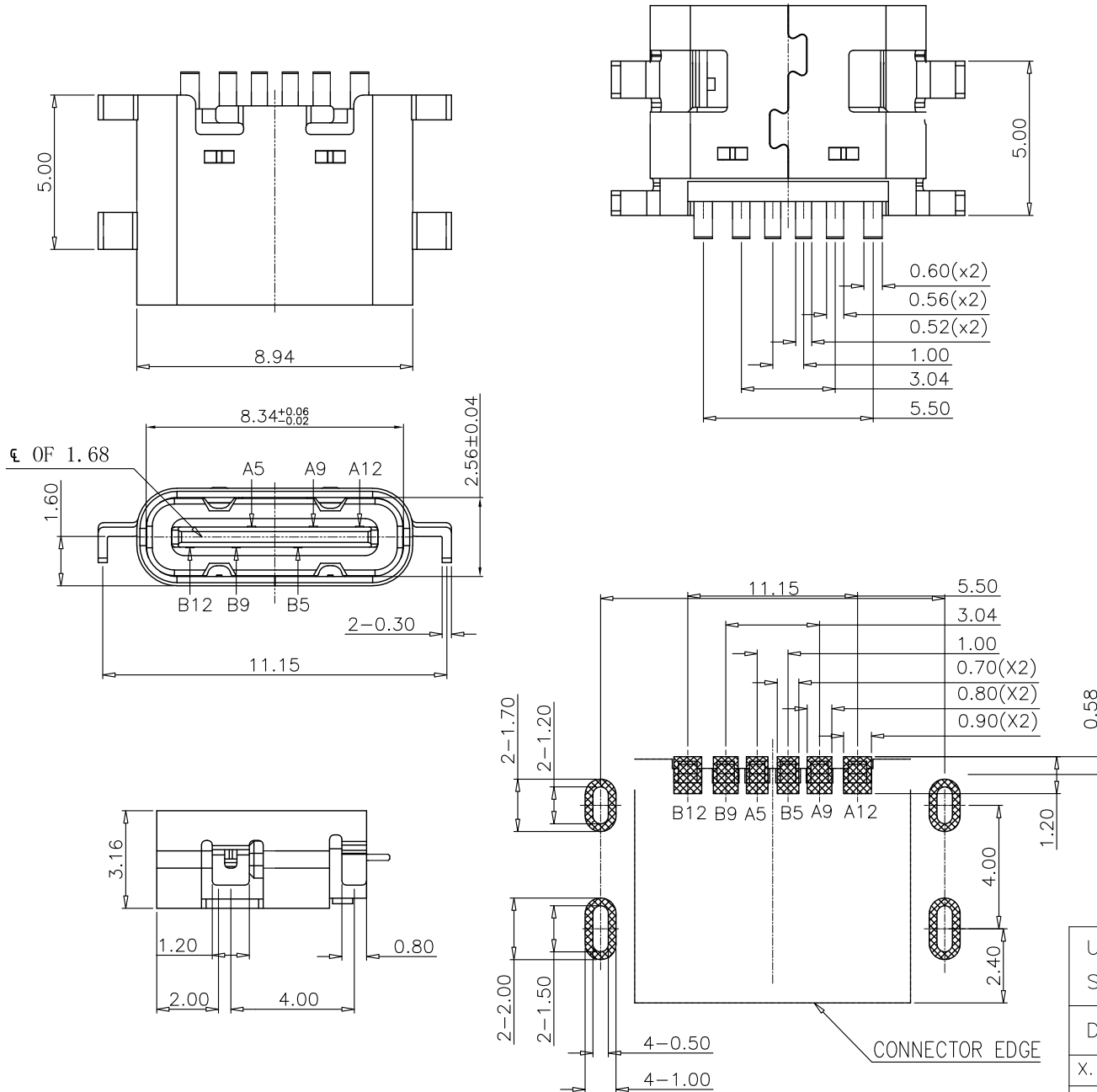


Rev No.	Description of Revision	Date	Name	Approved	ECN No.
▲X					

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. 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.
- 6.IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



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

UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市创勤电子有限公司 SHENZHEN CHUANGQIN ELECTRONICS CO., LTD.			
DECIMALS:	ANGLES	TITLE: TYPE C 6Pin 沉板1.60mm(间距5.0MM)			
X. ±0.20	X°. ±2°	Drwn. LINYUN	PART NO. CQ087-TFCB0601651		
X.X ±0.15	X.X° ±1°	Checked. LIJY	SCALE: 1:8	UNIT: mm	PROJ.
X.XX ±0.10	X.XX° ±0.5°	Approved. ZHANG	SIZE: A4	SHEET: 1 OF 1	REV. A
X.XXX ±0.05			CUSTOMER COPY		