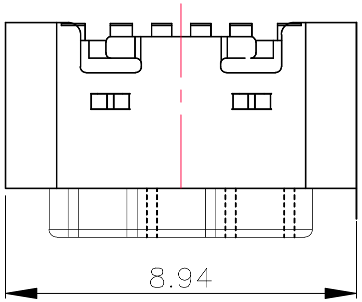
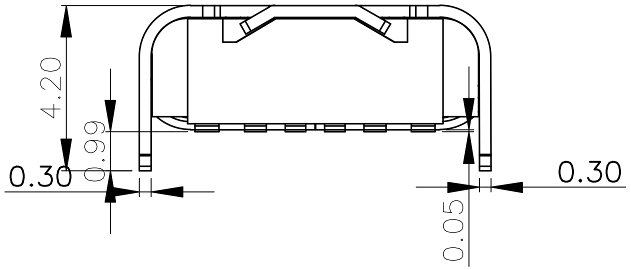
Pb Process Capable

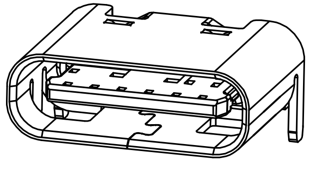
RoHS Compliant 2011/65/EU

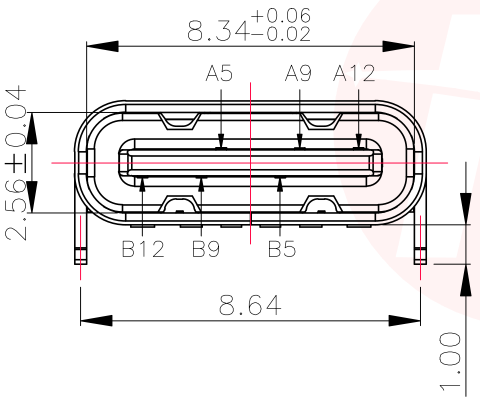
HALOGEN Compliant Halogen Free

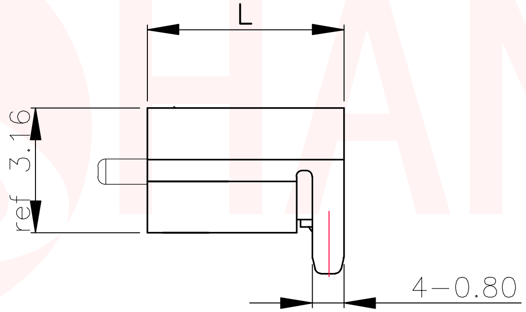
REV.	ECN NO OR DESCRIPTION	REVISED	DATE

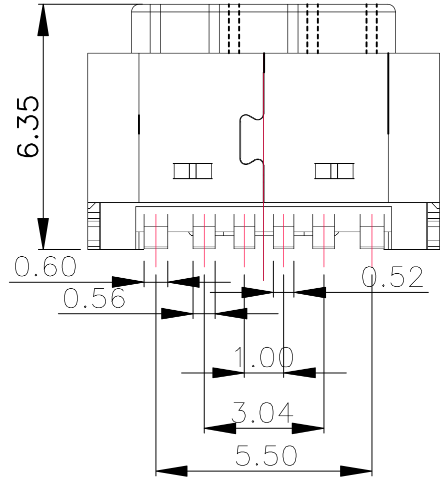


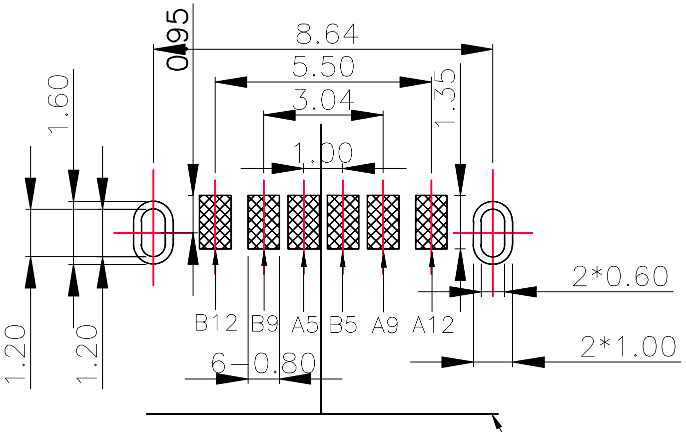












RECOMMENDED P.C.B. LAYOUT

Product Edge

TOLERANCE UNSPECIFIED ±0.05mm

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: 5000 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.

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

PIN ASSIGNMENTS

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

PART No.	DIM L
MC-311D-H50	5.0
MC-311D-H55	5.5
MC-311D-H65	6.5
MC-311D-H68	6.8

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS:		ANGLES:	
X	:±0.30	X	:±2°
X.X	:±0.20	X.X	:±1°
X.XX	:±0.10		

东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO. , LTD

TITLE	TYPE C 6P 板上后两脚插板SMT			
DWN	xiong	PART NO. MC-311D-HXXX		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:1OF 1	REV: A4

CUSTOMER COPY

Pb Process Capable

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HALOGEN Compliant Halogen Free

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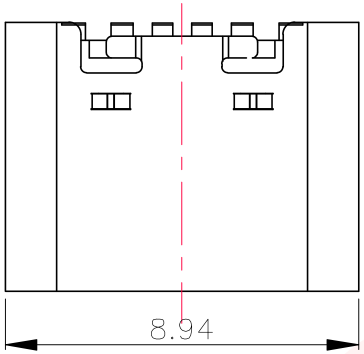

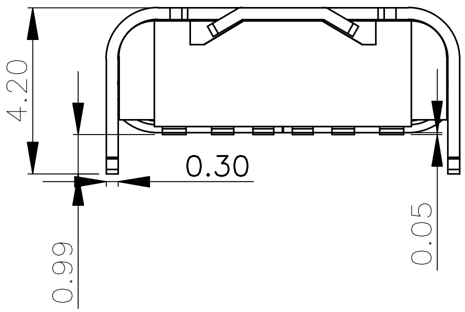

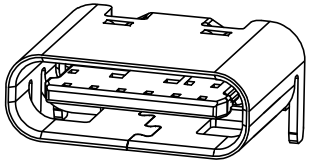

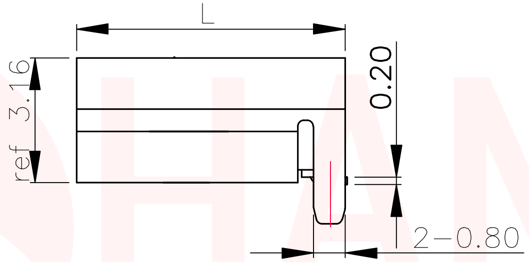

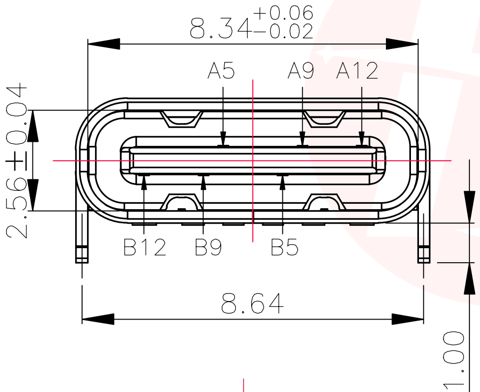

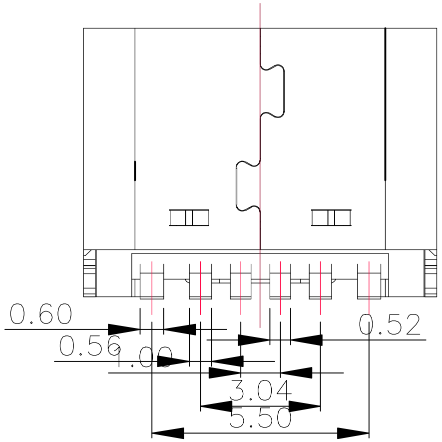

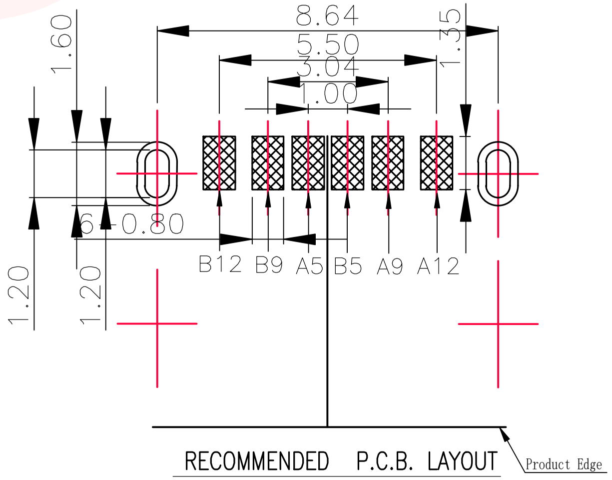

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