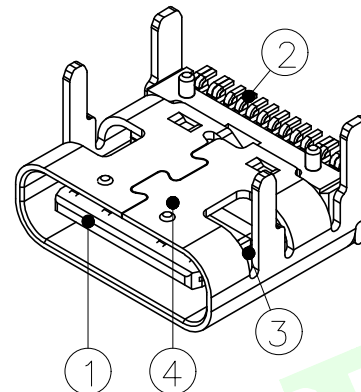
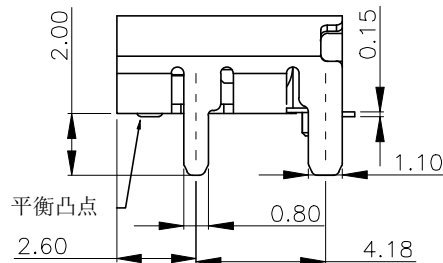
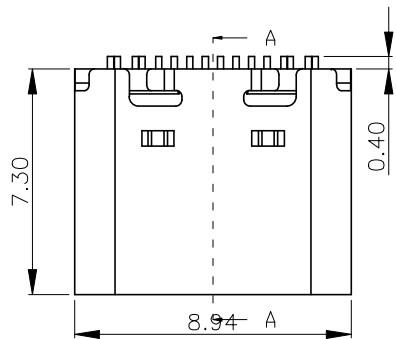


RoHS Compliant

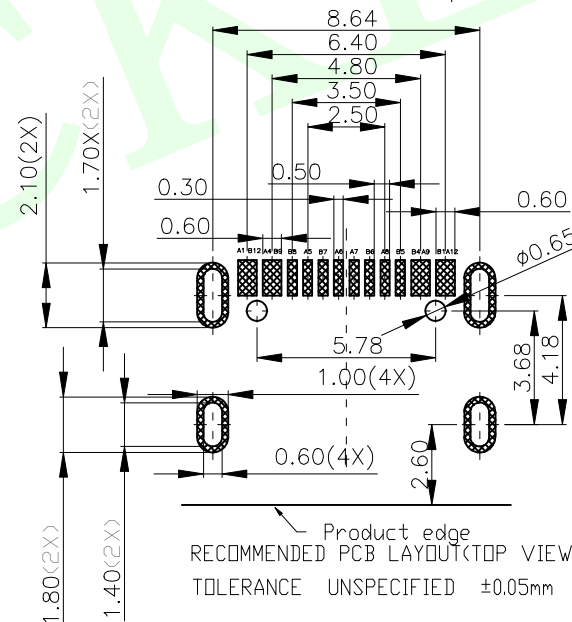
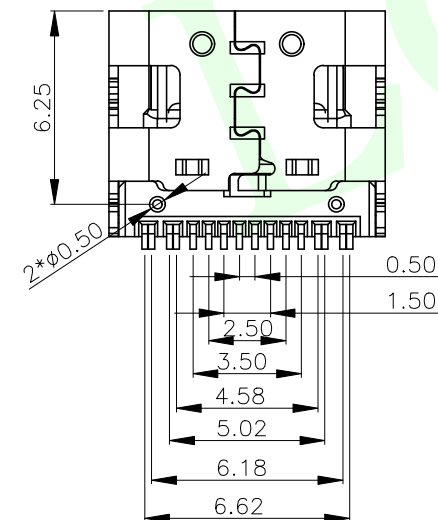
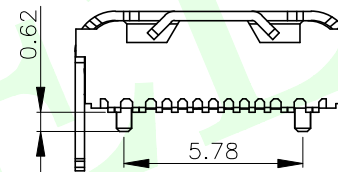
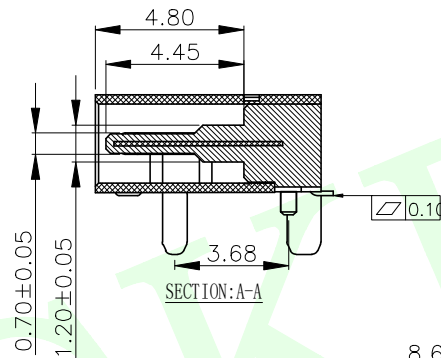
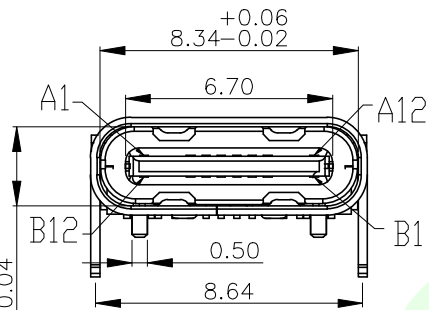
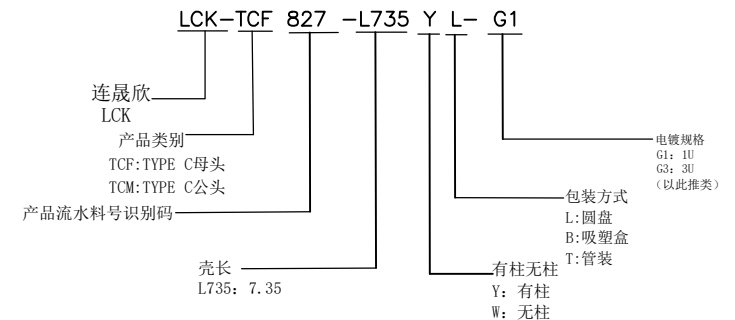


NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
  - 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
  - FRONT SHELL:  
Ni 30u" MIN. UNDER PLATED OVER ALL.
  - SHIELD PLATE & EMI PLATE:  
CLEAR ONLY
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 5.0A (CONTACT MATERIAL IS C7025)  
3.0A (CONTACT MATERIAL IS C2680)  
VOLTAGE RATING: 5.0V
  - LLCR:  
VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.  
SHIELD: 50mA/MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10mA.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE: AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -25~+85°C.
- IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

USB TYPE-C PIN ASSIGNMENTS

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	DP1	DN1	SBU1	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	DN2	DP2	CC2	VBUS			GND



Product edge  
RECOMMENDED PCB LAYOUT(TOP VIEW)  
TOLERANCE UNSPECIFIED ±0.05mm

QUADRANT POINT (QP)  
TANGENCY POINT (TP)  
INTERSECTION POINT (IP)

UNLESS OTHERWISE SPECIFIED, TOLERANCE:

X. ±0.25  
X.x ±0.20  
X.xx ±0.15  
ANGULAR ±3°

联晟欣连接器(深圳)有限公司  
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:	TYPE C 16PIN 母座板上型7.35mm 脚长2.0
CHECKED		DATE			
APPROVED		DATE			
PART NO: LCK-TCF827-L735YL-G1	REV: 04	SCALE: 1:1	UNIT: mm		
DRAWING NO:	SIZE: A4	SHEET: 1/1			