

RoHS Compliant

A

B

C

D

E

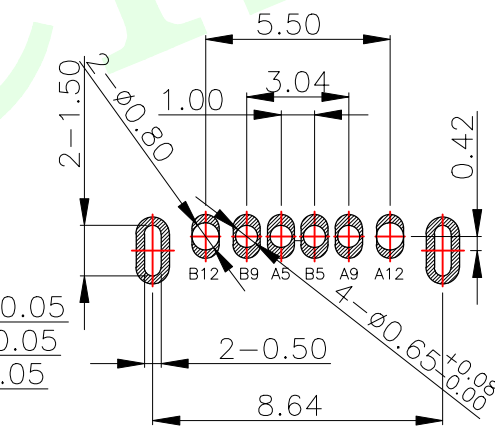
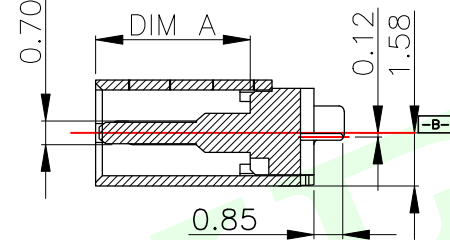
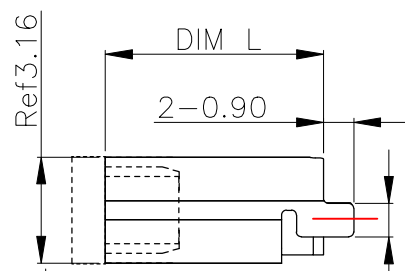
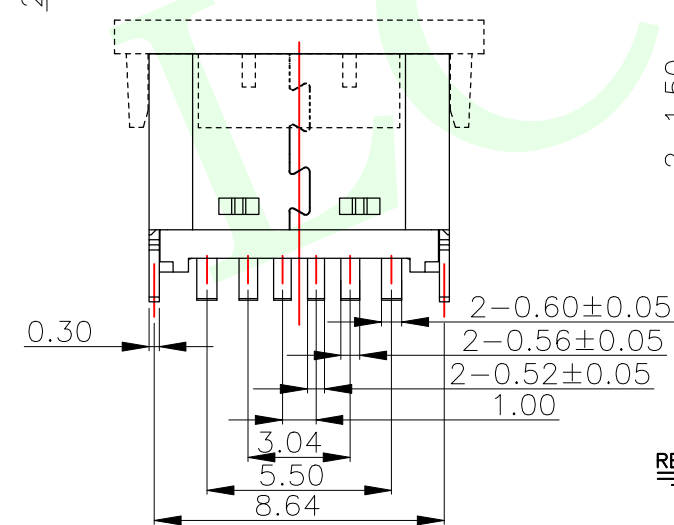
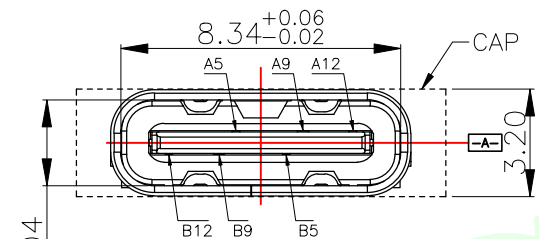
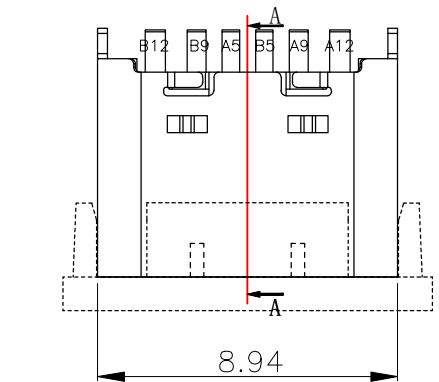
A

B

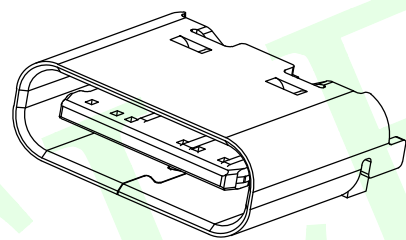
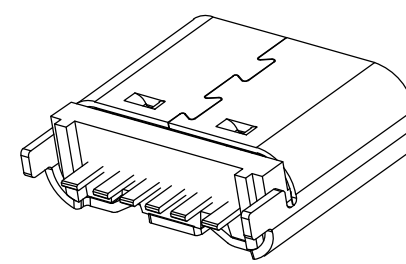
C

D

E



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

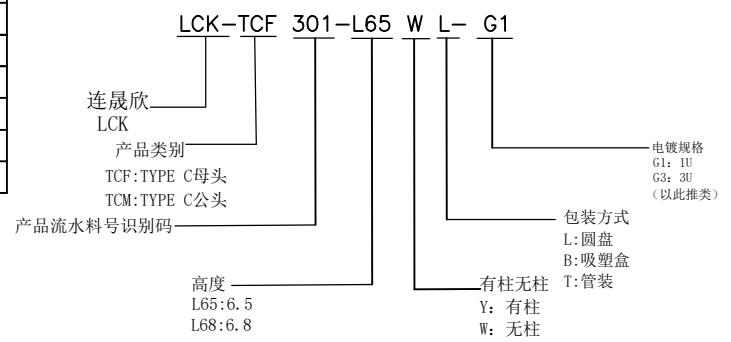


- NOTE:
- MATERIAL SPECIFICATION:
1. HOUSING: LCP, UL94 V-0.
2. CONTACTS: COPPER ALLOY
3. MID-PLATED/SHELL: STAINLESS STEEL
 - PLATING SPECIFICATION:
2-1. CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
GOLD FLASH PLATING ON SOLDER AREA
2-2. FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MECHANICAL PERFORMANCE,
3-1. INSERTION FORCE: 0.5~2.0kgf.
3-2. REMOVAL FORCE: 0.8kgf~2.0kgf.
3-3. DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: 5.0A
VOLTAGE RATING: 20V
4-2. INSULATION RESISTANCE: 100M Ω MIN
4-3. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
4-4. LOW CONTACT RESISTANCE: INITIAL 40m Ω / AFTER 50m Ω
 - ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -30°C~+80°C.
 - IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

成品料号	DIM L	DIM A
LCK-TCF101-L68WL-G1	6.80	4.90
LCK-TCF101-L65WL-G1	6.50	4.60

USB TYPE-C PIN ASSIGNMENTS

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



MEASURE POINT: 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 $\pm 3^\circ$	 联晟欣连接器 (深圳) 有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd
DESIGN: Andy CHECKED: APPROVED: PART NO: LCK-TCF301-LXXWL-G1 DRAWING NO: 1020221305	DATE: 2014.12.24 DATE: DATE: REV: 04 SCALE: 1:1 SHEET: 1/1	TITLE: USB TYPE C 6PIN 立式插板脚长 0.9 H6.5&6.8 UNIT: mm