

RoHS Compliant

A

B

C

D

E

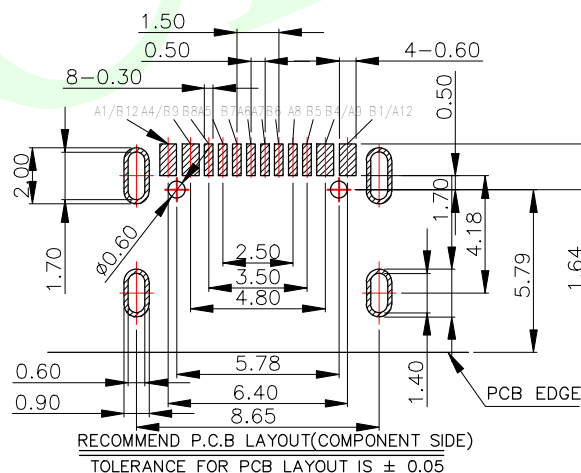
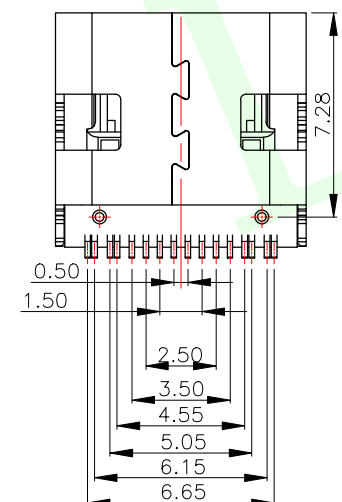
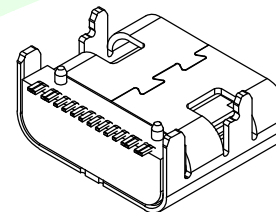
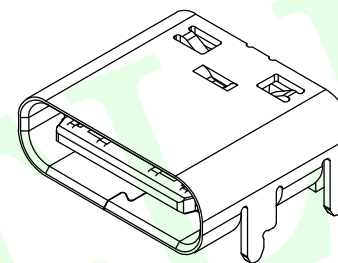
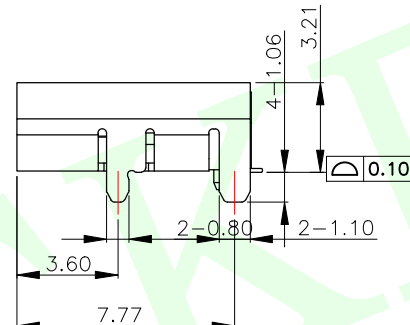
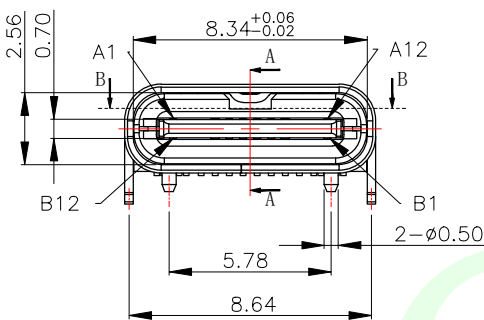
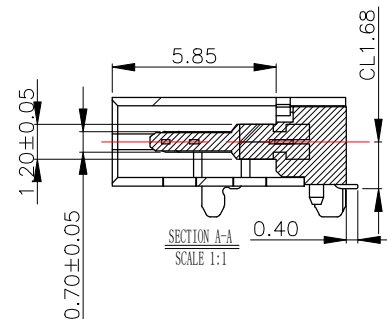
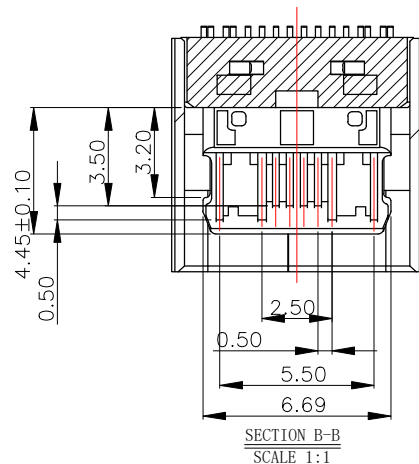
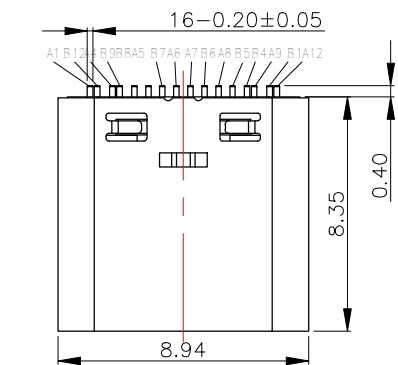
A

B

C

D

E



NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - CONTACTS: COPPER ALLOY
 - MID PLATE: 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)
GOLD FLASH PLATING ON SOLDER AREA
 - FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 5A
VOLTAGE RATING: 20V
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
 - LOW CONTACT RESISTANCE: INITIAL 40MΩ
AFTER 50MΩ
- 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.

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

LCK-TCF 819 - LXXX Y L- G1

联晟欣 LCK

产品类别

TCF: TYPE C母头

TCM: TYPE C公头

产品流水料号识别码

壳长 L835: 8.35

有柱无柱 T: 管装

Y: 有柱

W: 无柱

电镀规格

G1: 1U

G3: 3U

(以此类推)

包装方式

L: 圆盘

B: 吸塑盒

QUADRANT POINT		QP	 联晟欣连接器（深圳）有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd						
TANGENCY POINT		TP							
INTERSECTION POINT		IP							
UNLESS OTHERWISE SPECIFIED, TOLERANCE:			DESIGN	Andy	DATE	2014.12.24	TITLE:		
X. ±0.25			CHECKED		DATE		TYPE C 16PIN 单排板上8.35四脚插 有柱		
X.x ±0.20			APPROVED		DATE				
X.xx ±0.15			PART NO: LCK-TCF819-L835YL-G1						
ANGULAR ±3°			DRAWING NO: 102022125				REV: 04	SCALE: 1:1	UNIT: mm
							SIZE: A4	SHEET: 1/1	