

RoHS Compliant

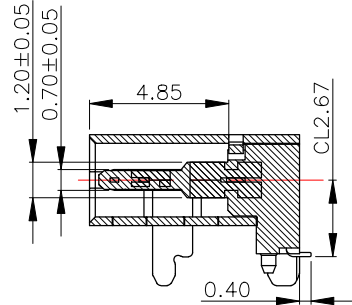
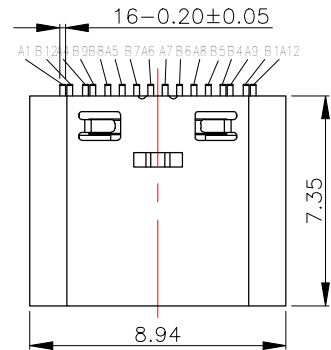
A

B

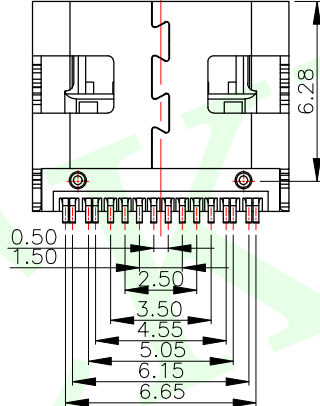
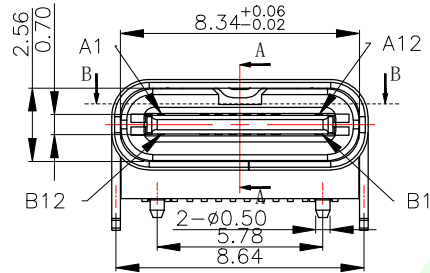
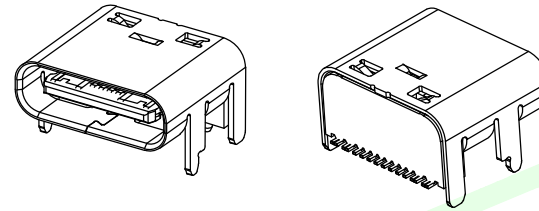
C

D

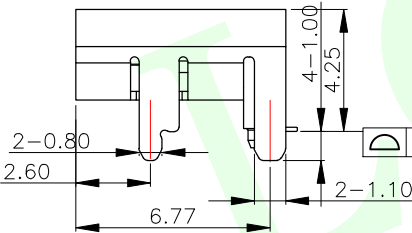
E



SECTION A-A
SCALE 1:1

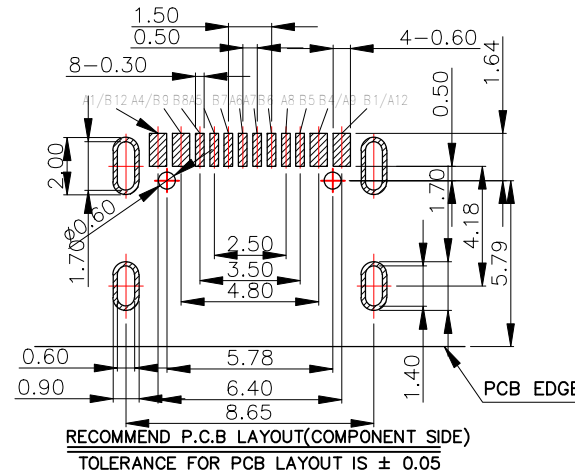


SECTION B-B
SCALE 1:1



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



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

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.

LCK-TCF	806	-	DGXX	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		垫高 DG10: 1.0 DG16: 1.6 DG19: 1.9 DG25: 2.5 DG30: 3.0 DG43: 4.3		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

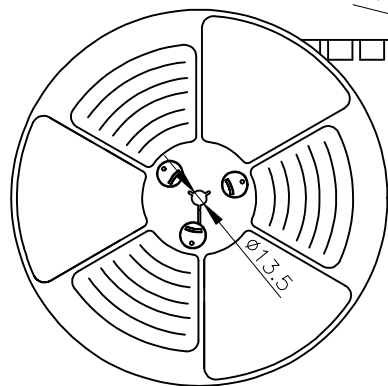
4	SHELL	STAINLESS STEEL T=0.30MM	Ni 40u"MIN	1PCS
3	SHIELDING PLATE	STAINLESS STEEL T=0.15MM	N/A	1PCS
2	CONTACT	COPPER ALLOY T=0.15MM	Mating area 1u"Au Solder Tails: G/F Underplate: 80u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	
MEASURE POINT: QUADRANT POINT (QP) TANGENCY POINT (TP) INTERSECTION POINT (IP)				
UNLESS OTHERWISE SPECIFIED, TOLERANCE:				
X. ±0.25 X.x ±0.20 X.xx ±0.15 ANGULAR ±3°				
DESIGN	Andy	DATE	2014.12.24	TITLE:
CHECKED		DATE		TYPE C 16PIN 垫高1.0, CH=2.67
APPROVED		DATE		
PART NO:	LCK-TCF806-DG10YL-G1	REV:	04	SCALE: 1:1
DRAWING NO:	102022108	SIZE:	A4	SHEET: 1/1
UNIT: mm				

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

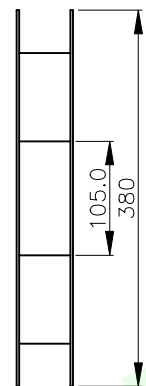
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出料方向

PULL OUT DIRECTEON



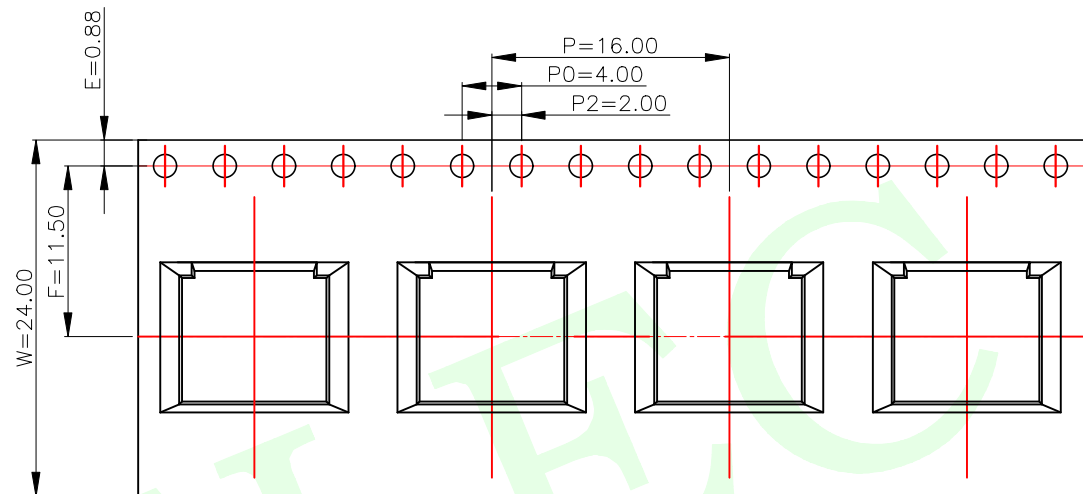
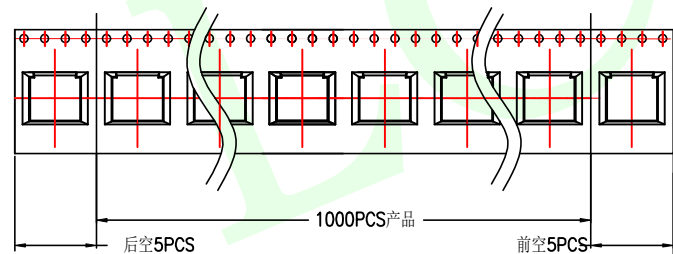
Peeling angle
165°~180°
400Min



NOTES

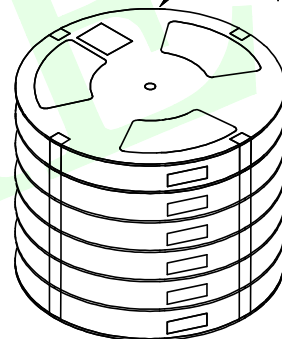
1.帶子引導長度
LEAD TAPE LENGTH

出料方向
PULL OUT DIRECTEON



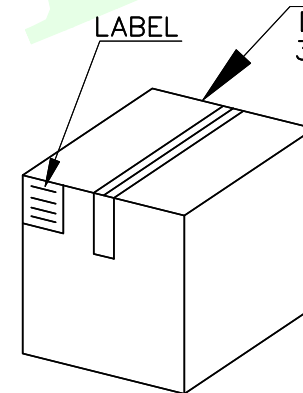
TAPE & REEL 6 PCS

1 REEL
= 1000 PCS



BOX

DIMENSIONS:
39.5X39.5X20



1 CARTON
=6REELS
=6000 PCS

	REEL	CARTON
CONNECTOR (PCS)	1000	6000

2.上帶 剥离力為: 0.1~1.3N(10.2gf~130gf)
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)

出貨'運輸過程中一定注意:

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:

卷帶在運輸過程中不能散開

PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

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 ±3°



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

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		SHEET:	1/1	