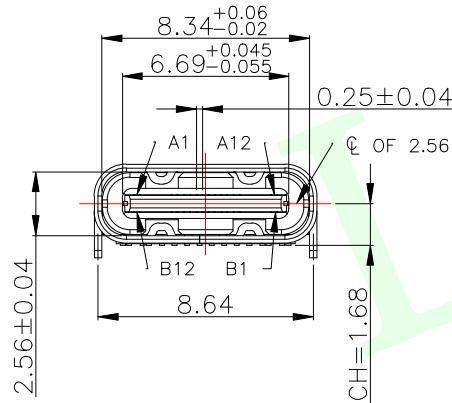
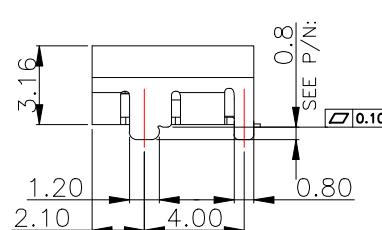
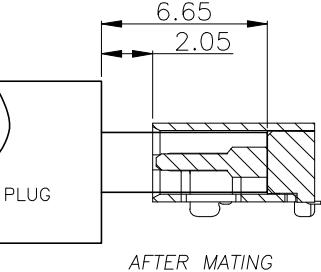
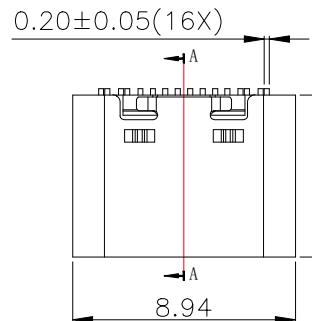
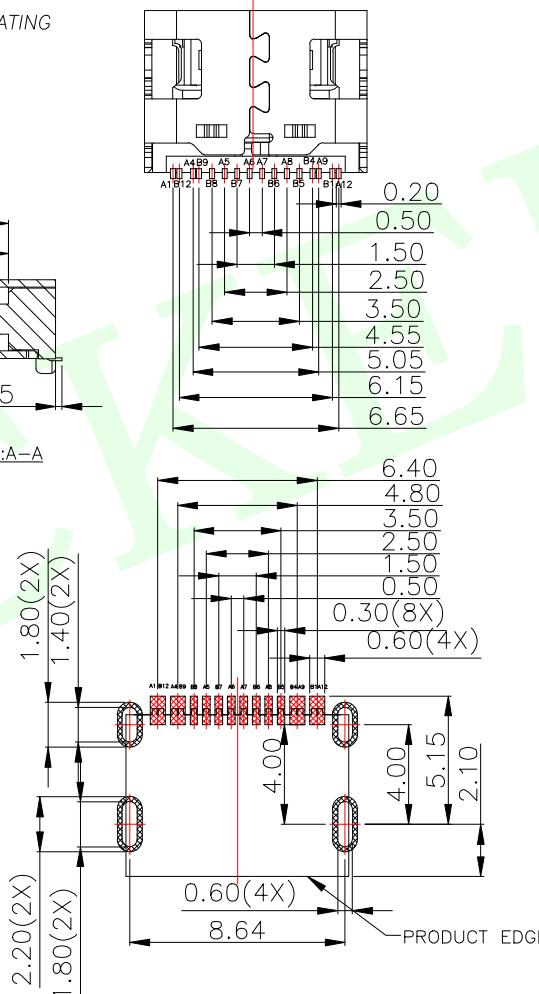


RoHS Compliant

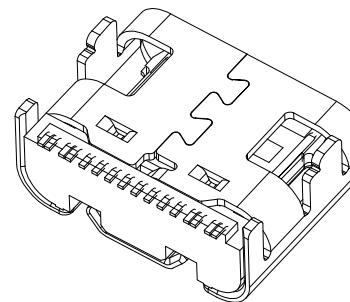


USB TYPE-C PIN ASSIGNMENTS

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



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM; DEFAULT TOLERANCE: ±0.05



NOTE:
1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.TERMINAL: Contact point gold-plated 3U "MIN"

3.TERMINAL: COPPER ALLOY(C1814)

4.MID PLATE: STAINLESS STEEL(SUS301)

4.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50μ" 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:
PLATING SPECIFICATIONS FOLLOW THE P/N

2-3.MID 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: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)

CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
SHIELD: 50mA/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mA.

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.

LCK-TCF 803-LXXX W L- GX

连晟欣

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

L65: 6.50

电镀规格
G1: 1U
G3: 3U
(以此推类)

包装方式

L:圆盘

B:吸塑盒

T:管装

有柱无柱

Y: 有柱

W: 无柱

MEASURE POINT:
QUADRANT POINT
TANGENCY POINT
INTERSECTION POINT

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 USB TYPE C 16PIN 贴板6.5长 无弹
APPROVED DATE 脚长0.8

PART NO: LCK-TCF803-LXXWL-GX REV: 04 SCALE: 1:1 UNIT: mm
DRAWING NO: 102022107DL65 SIZE: A4 SHEET: 1/1

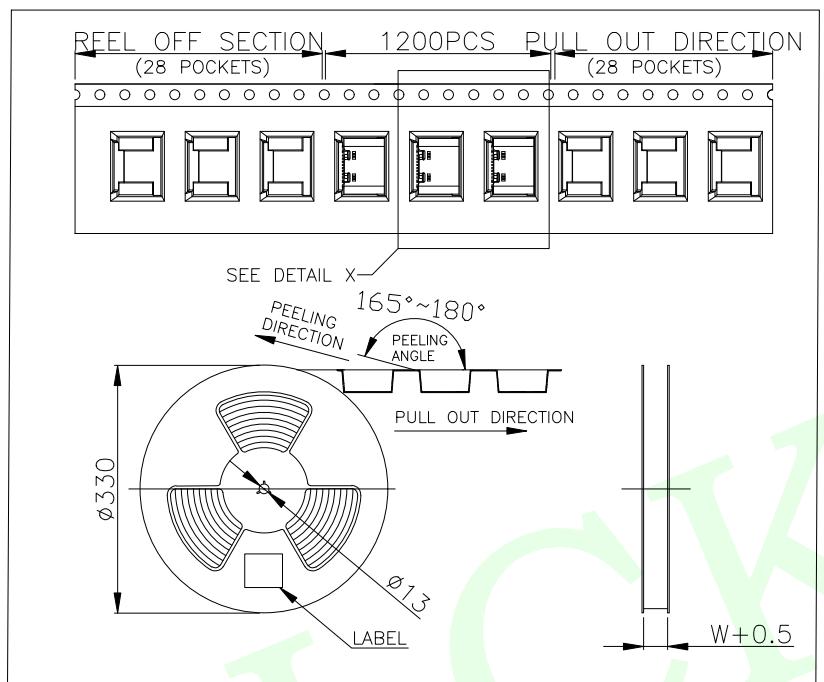


联晟欣连接器(深圳)有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

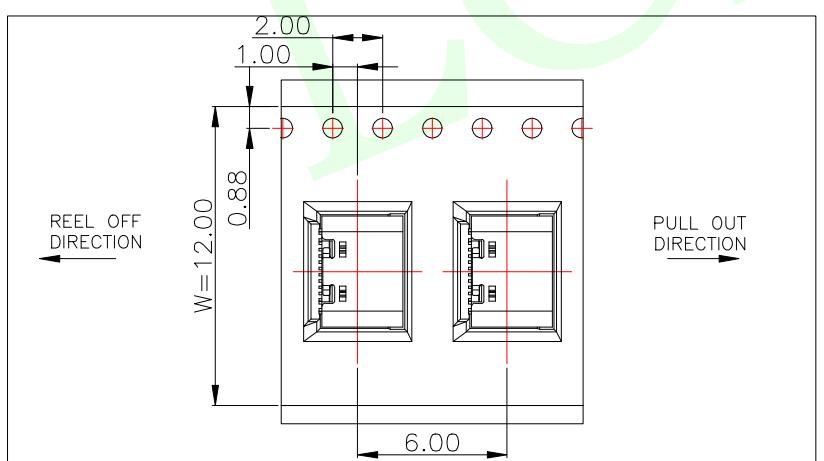
1 2 3 4 5 6 7

RoHS Compliant

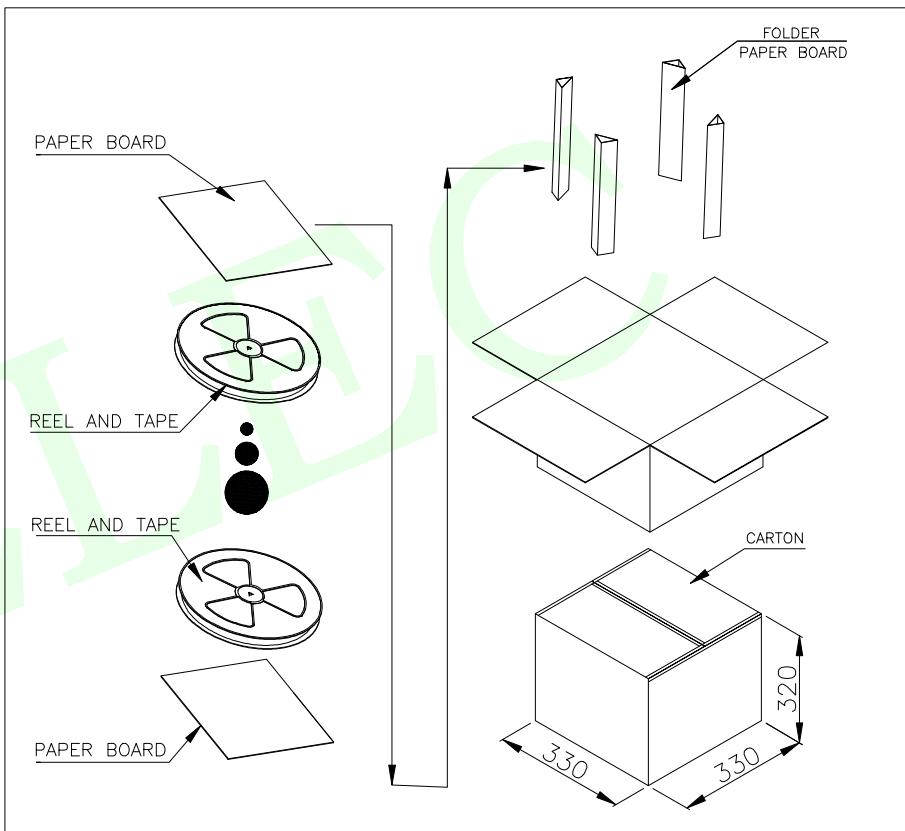
A



B



C



CONNECTOR (PCS)	REEL	CARTON
1200	1200	12000

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

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

UNLESS OTHERWISE SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE:
X. ± 0.25	CHECKED	DATE			USB TYPE C 16PIN 贴板6.5长无弹脚长0.8
X.x. ± 0.20	APPROVED	DATE			
X.xx. ± 0.15					
ANGULAR $\pm 3^\circ$					

PART NO: LCK-TCF803-LXXWL-GX REV: 04 SCALE: 1:1 UNIT: mm
DRAWING NO: 102022107DL65 SIZE: A4 SHEET: 1/1

1 2 3 4 5 6 7