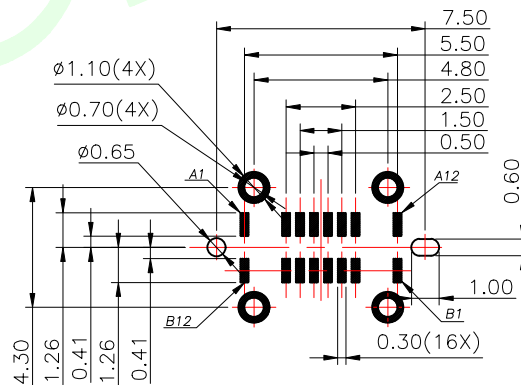
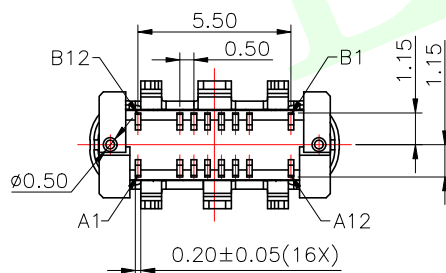
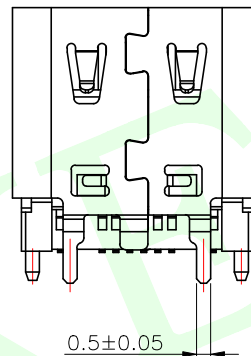
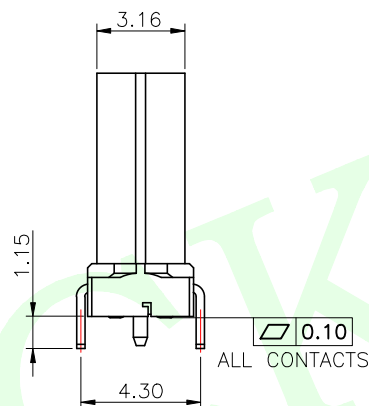
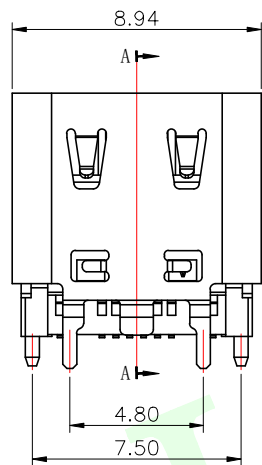
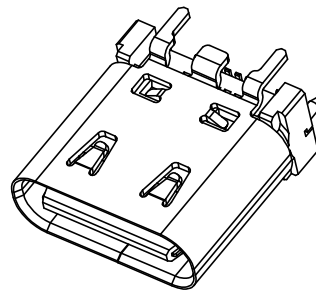
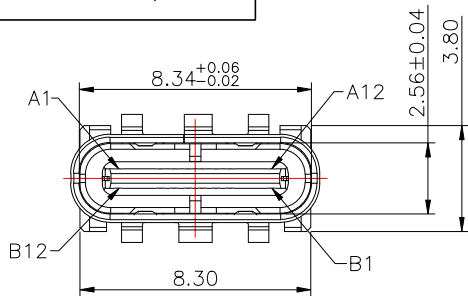


RoHS Compliant



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0
- 2.TERMINAL: COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.TERMINAL:

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

2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

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.

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 823 - LXXX W 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

L88: 8.8

L92: 9.2

L1045: 10.45

包装方式

L:圆盘

B:吸塑盒

T:管装

有柱无柱

Y: 有柱

W: 无柱

电镀规格

G1: 1U

G3: 3U

(以此类推)

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°



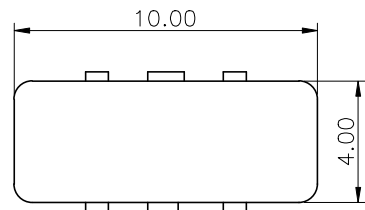
联晟欣连接器(深圳)有限公司

Lianshengxin Connector (Shenzhen) Co., Ltd

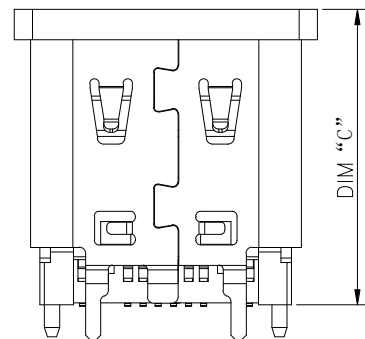
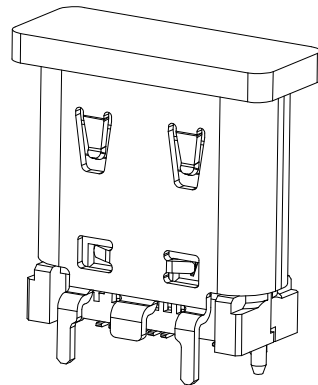
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CHECKED		DATE					
APPROVED		DATE					
PART NO:	LCK-TCF823M-LXXXXX-G3	REV:	04	SCALE:	1:1	UNIT:	mm
DRAWING NO:	1020221085	SIZE:	A4	SHEET:	1/1		

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±0.05

RoHS Compliant

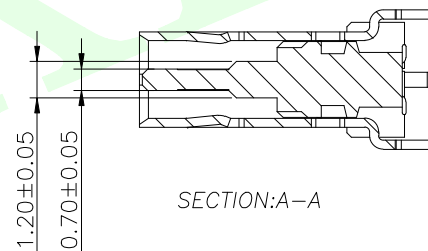


WITH PICK UP COVER

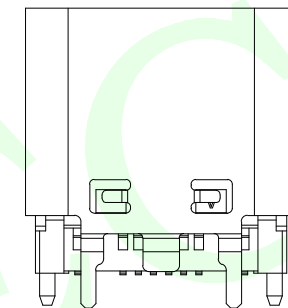


ASSEMBLY WITH CAP

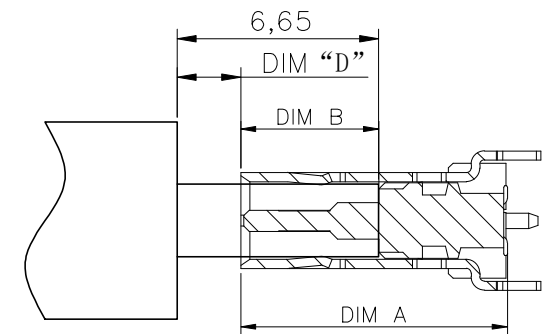
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1



DRAWING WITH SPRING(4X)



DRAWING WITHOUT SPRING



AFTER MATING

TABLE 1

P/N	DIM A	DIM B	DIM C	DIM D	REMARK	QTY/REEL	QTY/BOX
LCK-TCF823-L88YL-G3	8.8	4.45	9.75	2.1	WITH SPRING	450	4500
LCK-TCF823-L92YL-G3	9.2	4.95	10.20	1.70	WITH SPRING	450	4500
LCK-TCF823-L88YL-G3	10.45	6.20	11.40	0.45	WITH SPRING	450	4500
LCK-TCF823M-L88YL-G3	8.8	4.45	9.75	2.1	WITHOUT SPRING	450	4500
LCK-TCF823M-L92YL-G3	9.2	4.95	10.20	1.70	WITHOUT SPRING	450	4500
LCK-TCF823M-L1045YL-G3	10.45	6.20	11.40	0.45	WITHOUT SPRING	450	4500

QUADRANT POINT
TANGENCY POINT
INTERSECTION POINT



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: USB CF 16P VERTICAL		
CHECKED		DATE				
APPROVED		DATE				
PART NO: LCK-TCF823M-LXXXXXX-G3				REV: 04	SCALE: 1:1	UNIT: mm
DRAWING NO: 102022127				SIZE: A4	SHEET: 1/1	