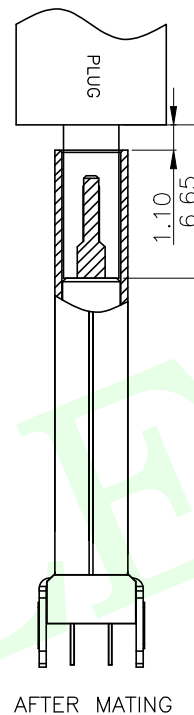
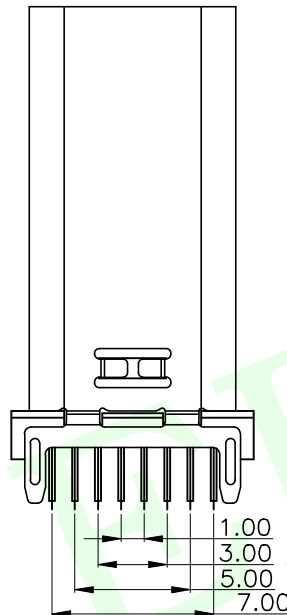
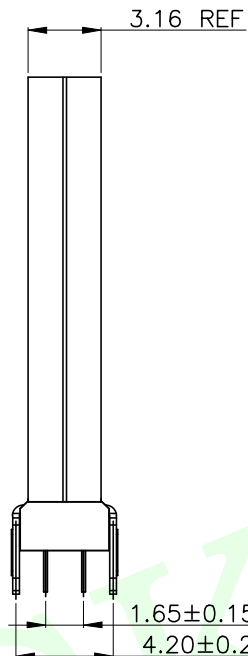
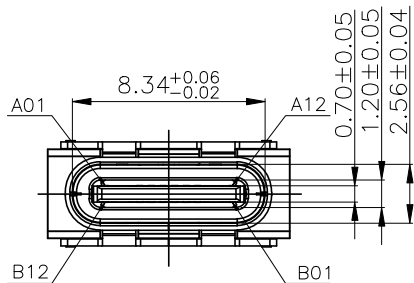


RoHS Compliant



AFTER MATING

SPECIFICATION:

1. ELECTRICAL:

- 1.1 CURRENT RATING:5A;
- 1.2 CONTACT RESISTANCE:40mΩ Max;
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE:100V AC;
- 1.4 INSULATION RESISTANCE:100 MΩ MIN;

2. MECHANICAL:

- 2.1 MATING FORCE:5~20N;
- 2.2 UNMATING FORCE:8~20N;
- 2.3 DURABILITY:10000 CYCLES;6~20N AFTER DURABILITY TEST;

3. MATERIAL:

- 3.1 HOUSING&MOLDING:BLACK LCP UL94V-0;
- 3.2 TERMINAL:C7025 T=0.15mm;
- 3.3 SHELL:SUS304 T=0.30mm;
- 3.4 MID PLATE:SUS304 T=0.15mm;

4. PLATING SPECIFICATION:

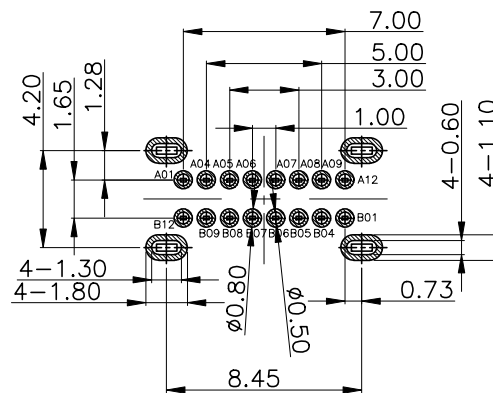
- 4.1 TERMINAL:CONTACT POINT GOLD PLATED 3u "Min
PIN WELDING AREA GOLD PLATED 1u" Min.
- 4.2 NI 40U" Min. UNDER PLATED OVER ALL.
- 4.2 SHELL:PLATED Ni 50u" MIN(Salt spray 48H)

5. ELECTROPLATED PRODUCTS NEED TO UNDERGO TIN ADHESION TESTING: THE TIN ADHESION AREA SHOULD REACH OVER 95%.

6. SMT REFLOW SOLDERING (PEAK VALUE 260 °C ± 5 ° C)
SHALL BE FREE OF BLISTERING, GLUE MELTING AND
POOR COLOR CHANGE (DEFORMATION WITHIN TOLERANCE)

7. OPERATING TEMPERATURE: -40°C~+85°C

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	Dn2
A7	D-	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED P.C.B. LAYOUT (俯视图)
TOLERANCE UNSPECIFIED ±0.05mm

QUADRANT POINT
TANGENCY POINT
INTERSECTION POINT

QP
TP
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

DESIGN	Andy	DATE	2014.12.24	TITLE:
CHECKED		DATE		TYPE C 16PIN 母座立插19.6
APPROVED		DATE		
PART NO:	LCK-TCF816-L196WB-G3	REV:	04	SCALE: 1:1
DRAWING NO:		SHEET:	1/1	UNIT: mm