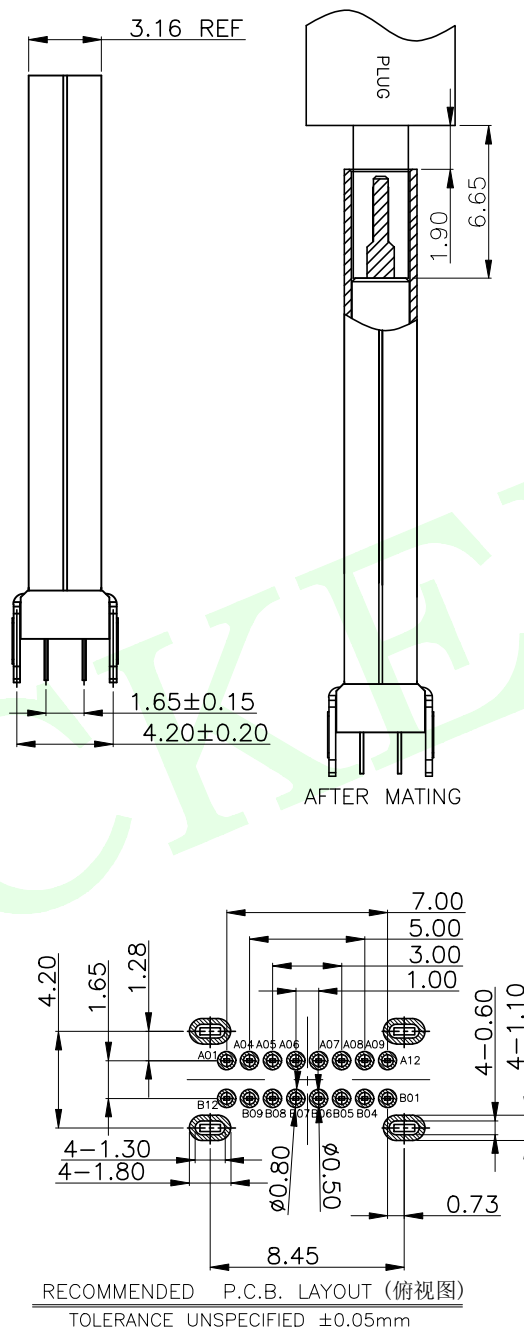
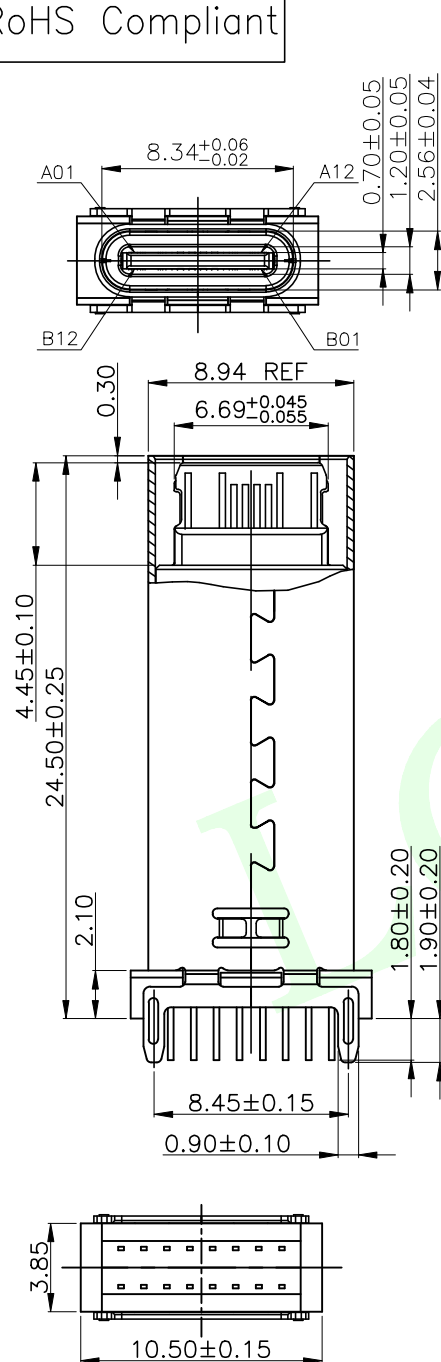


RoHS Compliant



AFTER MATING

SPECIFICATION:

- ELECTRICAL:
 - CURRENT RATING:5A;
 - CONTACT RESISTANCE:40mΩ Max;
 - DIELECTRIC WITHSTANDING VOLTAGE:100V AC;
 - INSULATION RESISTANCE:100 MΩ MIN;
- MECHANICAL:
 - MATING FORCE:5~20N;
 - UNMATING FORCE:8~20N;
 - DURABILITY:10000 CYCLES;6~20N AFTER DURABILITY TEST;
- MATERIAL:
 - HOUSING&MOLDING:BLACK LCP UL94V-0;
 - TERMINAL:C7025 T=0.15mm;
 - SHELL:SUS304 T=0.30mm;
 - MID PLATE:SUS304 T=0.15mm;
- PLATING SPECIFICATION:
 - TERMINAL:CONTACT POINT GOLD PLATED 3u "Min
PIN WELDING AREA GOLD PLATED 1u" Min.
 - NI 40U" Min. UNDER PLATED OVER ALL.
4.2 SHELL:PLATED Ni 50u" MIN(Salt spray 48H)
- ELECTROPLATED PRODUCTS NEED TO UNDERGO TIN ADHESION TESTING: THE TIN ADHESION AREA SHOULD REACH OVER 95%.
- SMT REFLOW SOLDERING (PEAK VALUE $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$) SHALL BE FREE OF BLISTERING, GLUE MELTING AND POOR COLOR CHANGE (DEFORMATION WITHIN TOLERANCE)
- OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

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

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 $\pm 3^{\circ}$

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24.5
APPROVED		DATE		
PART NO:	LCK-TCF816-L245WB-G3	REV:	04	SCALE: 1:1
DRAWING NO:		SIZE:	A4	UNIT: mm
		SHEET:	1/1	