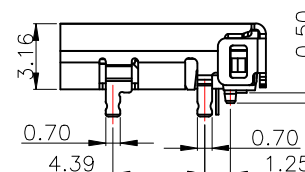
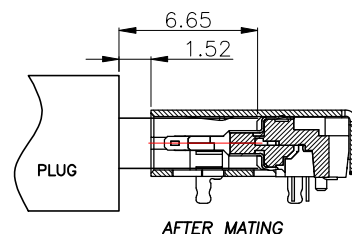
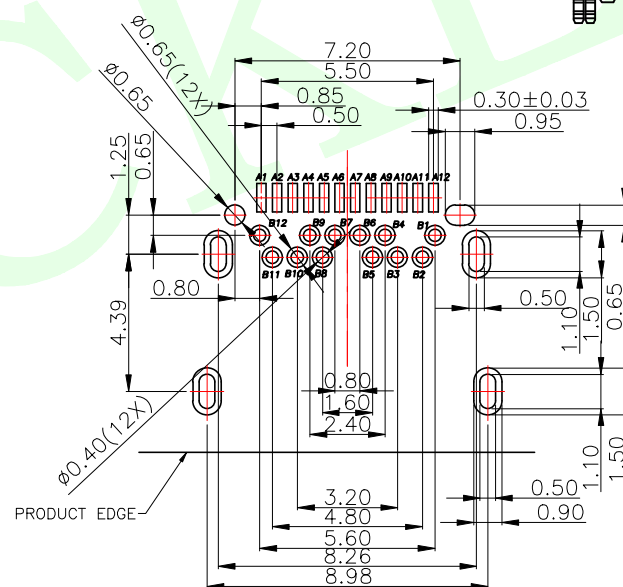
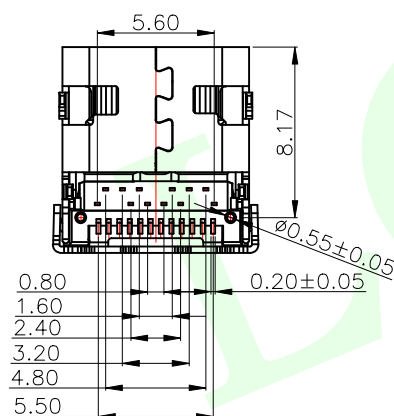
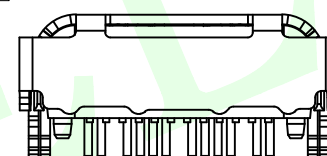
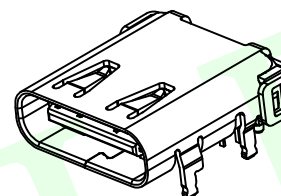
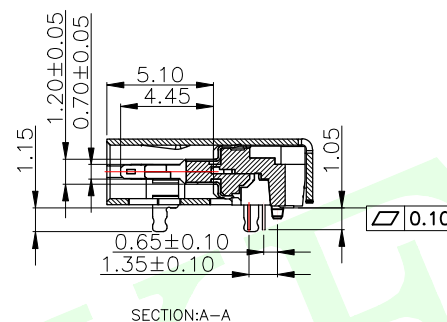
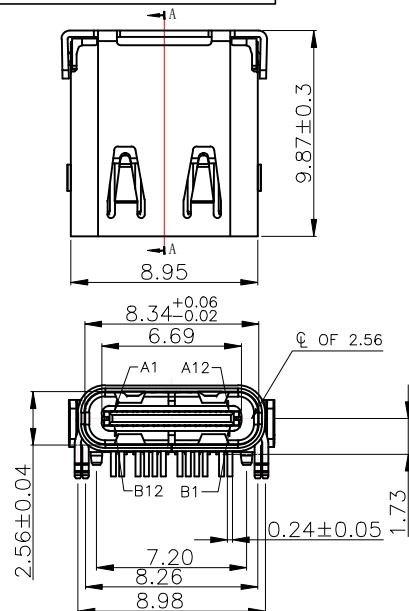


RoHS Compliant



NOTE:

- 1. MATERIAL SPECIFICATION:
 - 1. HOUSING: PA9T COLOR SEE TABLE 1, 1UL94 V-0.
 - 2. CONTACTS: COPPER ALLOY (C18150)
 - 3. MID PLATE & SPRING: STAINLESS STEEL (SUS301)
 - 4. FRONT SHELL: STAINLESS STEEL (SUS304)
- 2. PLATING SPECIFICATION:
 - 2-1. CONTACTS:
 - 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 & COVER:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3. MID PLATE & EMI SPRING:
 - 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. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V
 - 4-2. LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40ma/PIN MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10ma.
 - 4-3. INSULATION RESISTANCE: 100M Ω 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 912 - L987 Y L G3
 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 L987:9.87
 电镀规格
 G1: 1U
 G3: 3U
 (以此类推)
 包装方式
 L:圆盘
 B:吸塑盒
 有柱无柱
 Y: 有柱
 W: 无柱
 T:管装

USB TYPE-C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1+	B11	RXp1+
A3	TXn1-	B10	RXn1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RXn2-	B3	TXn2-
A11	RXp2+	B2	TXp2+
A12	GND	B1	GND

SCALE 1.5:1
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8 MM;DEFAULT TOLERANCE:±0.05

QUADRANT POINT	Ⓚ	 联晟欣连接器（深圳）有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd
TANGENCY POINT	Ⓣ	
INTERSECTION POINT	Ⓜ	
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		
X, ±0.25		
X.x, ±0.20		
X.xx, ±0.15		
ANGULAR ±3°		