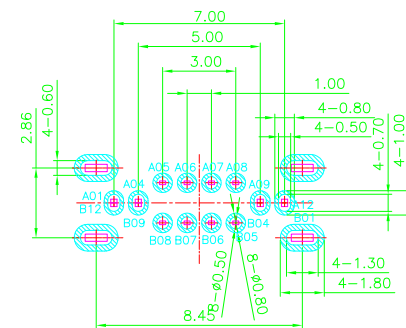
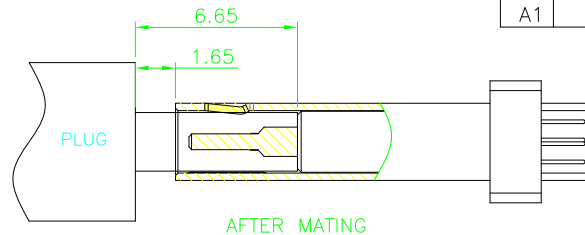
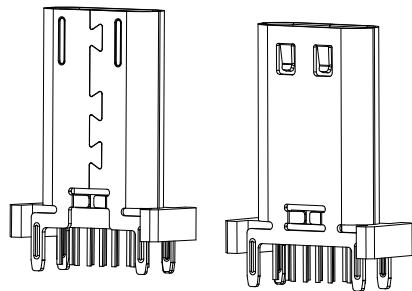
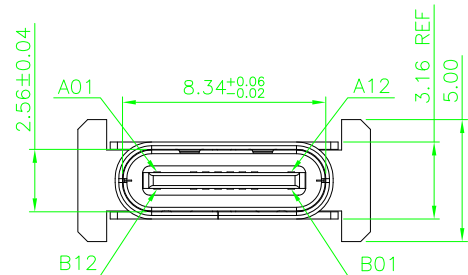




RoHS
Compliant

REV.	ZONE	DESCRIPTION	DESIGN	DATE
A1		NEW		



RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
TOLERANCE UNSPECIFIED ±0.05mm

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

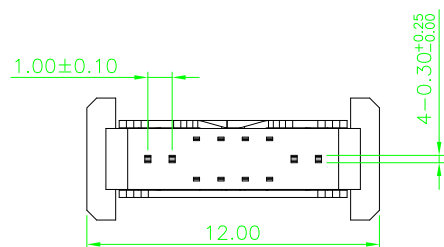
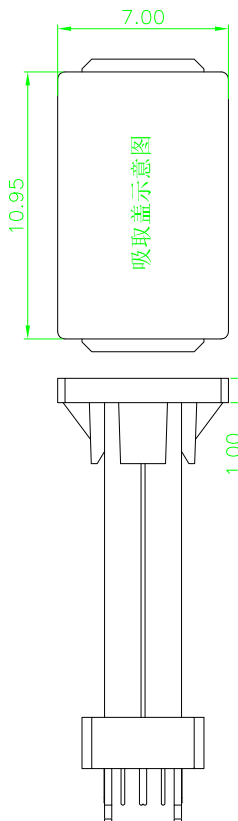
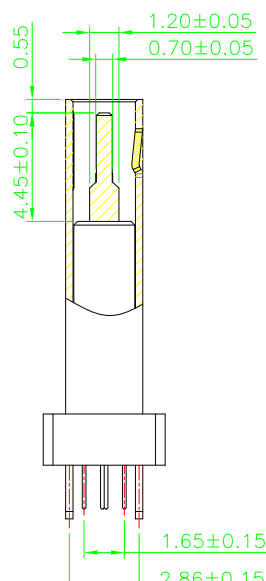
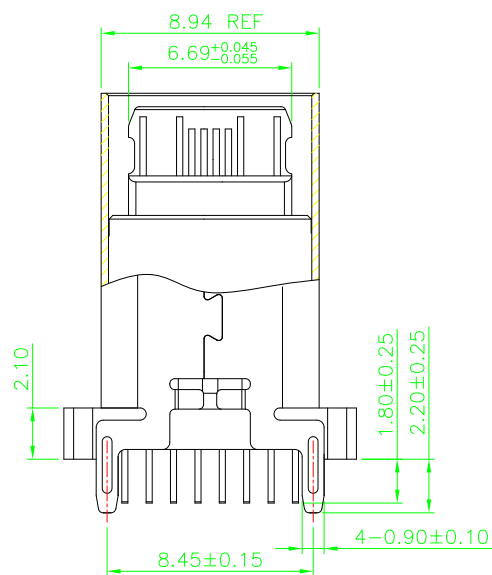
4. PLATING SPECIFICATION:

- 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.
- 4.3 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	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

UNITS mm	深圳市富港科技有限公司 SHENZHEN FUGANG TECHNOLOGY CO.,LTD			
MAT'L	TITLE: TYPE-C 16P 180° RECEPTACLE DIP			
FINISH	APPD:	Part NO.:		
CHKD:	CHKD:	ST-C-JTF5-16PC		
Q'TY	DR:	SCALE SHEET REV.		
		1/1 1/1 A1		

X.	±0.50	X.*	± 2°
.X	±0.30	.X*	± 1°
.XX	±0.10	.XX*	± 0.5°
.XXX	±0.05		