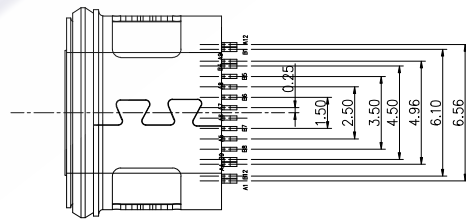
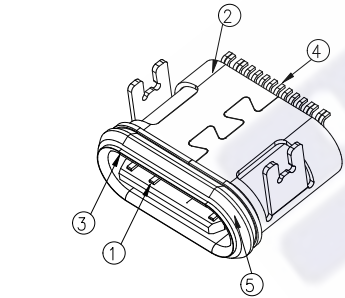
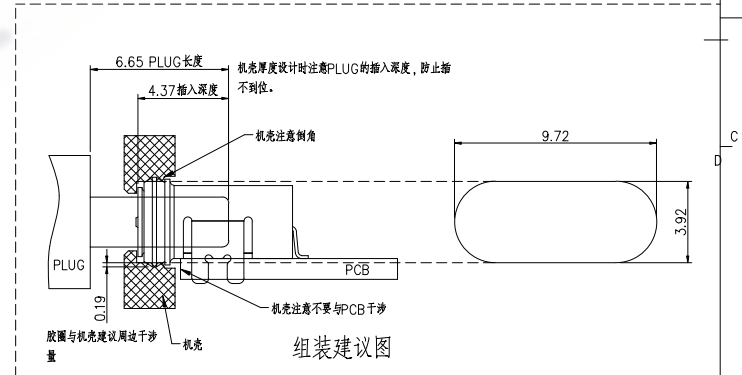
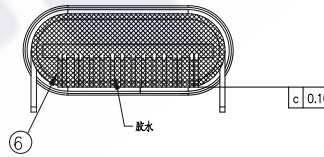
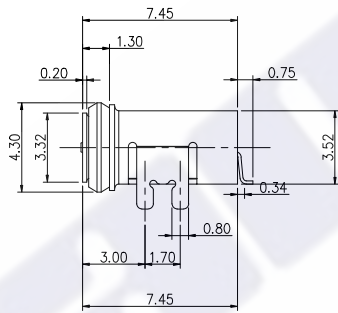
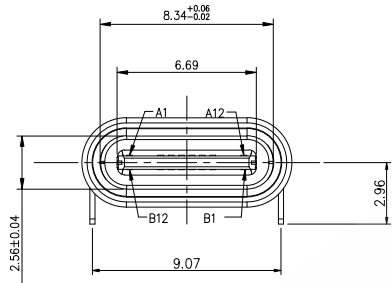


RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE: ±0.05

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - CONTACTS: COPPER ALLOY
 - MID PLATE: STAINLESS STEEL
 - FRONT SHELL: STAINLESS STEEL
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 5~20N.
 - REMOVAL FORCE: 6~20N.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 3.0A
VOLTAGE RATING: 12V
 - LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
 - IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	V BUS	B9	V BUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	V BUS	B4	V BUS
A12	GND	B1	GND

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
6	Epoxy		BLACK	
5	O RING	SILICA GEL	White	1PCS
4	CONTACT	COPPER ALLOY	AU On Contact Area And Solder Tail Area, All over Nickel Plated	16SET
3	SHELL	zinc alloy		1PCS
2	SHELL	zinc alloy	NI Plated	1PCS
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS

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UNITS mm	三佐部品【中国】股份有限公司		
MAT'L	PART NO. MTKEF16WD2CDWNG1N	TITLE: USB TYPE C 16PIN (间距:4MM)	
X. ± 0.50 X.' ± 2'	APPD: RADOM	DWG NO.: MTKEF16WD2CDWNG1N	
.X ± 0.30 .X' ± 1'	CHKD: MARK		
.XX ± 0.20 .XX' ± 0.5'	Q'TY		
.XXX ± 0.05	DR: Steven.Rao 2020/09/09		