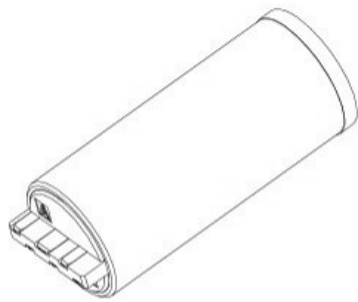


SPECIFICATION:

1. Electrical characteristics

- 1-1. Current rating: DC 0.5A max.
- 1-2. Voltage rating: DC 30V.
- 1-3. Contact resistance: 50mΩ max.
- 1-4. Insulation resistance:
100MΩ min. at 500V DC.
- 1-5. Withstanding voltage:
500V AC for 1 minute.

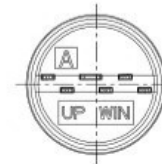
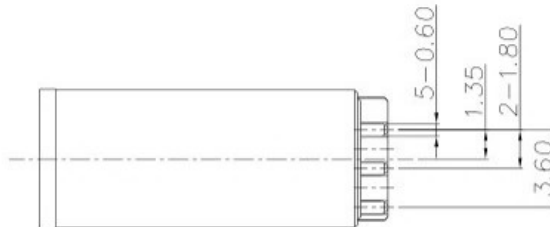
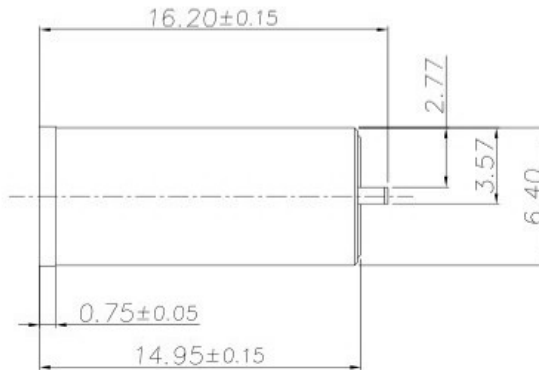
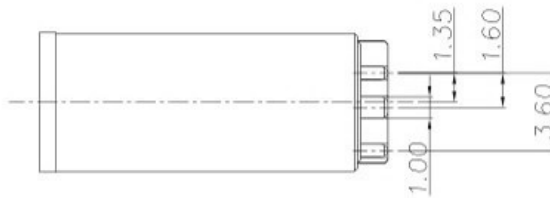
2. Mechanical characteristics

- 2-1. Life test: 5000 cycles min.
- 2-2. Mating force: Before the test 5~20N.
After the test 5~20N.
- Unmating force: Before the test 3~20N.
After the test 3~20N.

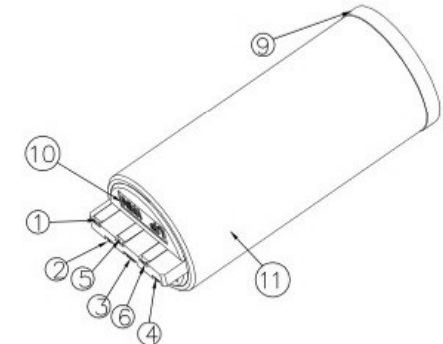
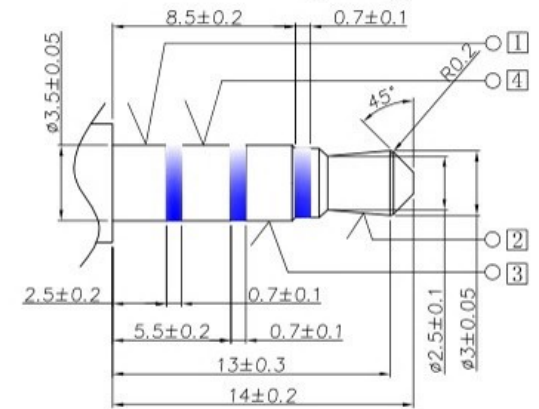
3. Salt spray test time: 24 hours min.

4. Sign "◎" is importance dimension.

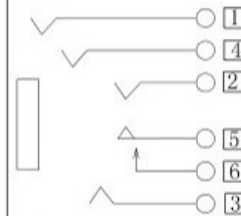
Marked "◎" Dimension Should Be Measured By CPK



Matching Plug



SCHEMATIC



12	Cover2	1	HIGH TEMPERATURE PLASTIC	Black
11	Housing	1	HIGH TEMPERATURE PLASTIC	Black
10	Cover	1	HIGH TEMPERATURE PLASTIC	Black
9	Ring	1	C3604	Nickel Plated
8	Insulator	1	HIGH TEMPERATURE PLASTIC	Black
7	Spring	1	SUS301 1/2H	No Plated
6	Transfer Spring	6	Phosphor bronze, 0.20t	Gold flash on contact area And Solder Tail Area, All over Nickel Plated
5	Shunt terminal	5	Phosphor bronze, 0.20t	
4	Ring spring	4	Phosphor bronze, 0.20t	Gold 3u" Plating on contact area, Tin Plating on Solder Tail Area, All over Nickel Plated
3	Ring spring	3	Phosphor bronze, 0.20t	
2	Tip spring	2	Phosphor bronze, 0.20t	
1	Earth spring	1	Phosphor bronze, 0.20t	
NO.	DESCRIPTION	QTY	MATERIAL	REMARK

						Angle	±2°	DESIGN	李海鹏	2018. 08. 13	东莞市高迪电子有限公司			
						10<L≤20	±0. 30	CHECK						
						5<L≤10	±0. 25							
	A-0	2018. 08. 13	NEW	李海鹏		L≤5	±0. 20	APPROVAL			TITLE:	ø3. 5mm PHONE JACK		
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED			SCALE: 3:1	UNIT:mm	A4	SHEET:1 of 1	MODEL NO.	FILE NO.