

SPECIFICATION:

1. Electrical characteristics

1-1. Current rating: DC 1.5A max.

1-2. Voltage rating: DC 12V.

1-3. Contact resistance: 50mΩ MAX (INITIAL).
100mΩ MAX (AFTER LIFE TEST).

1-4. Insulation resistance: 100MΩ min. at 500V DC.

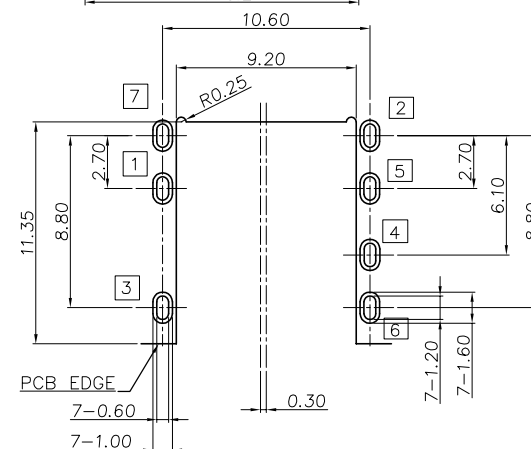
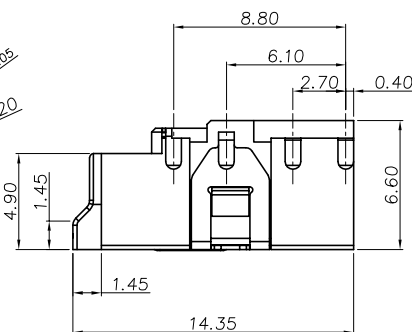
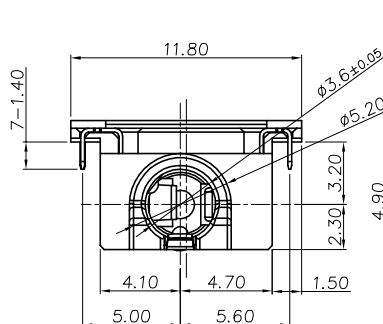
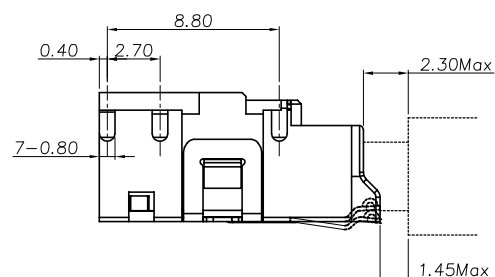
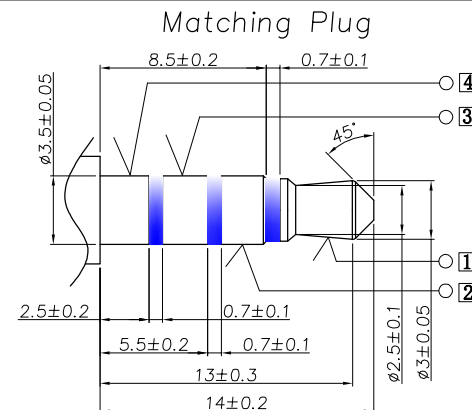
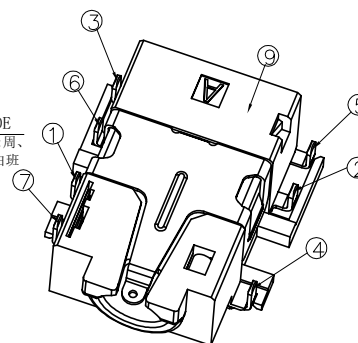
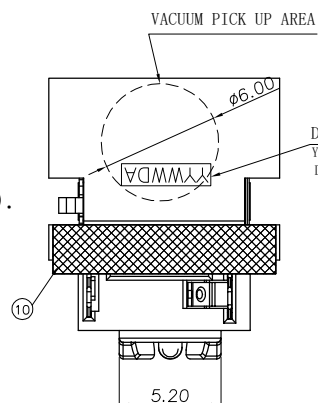
1-5. Withstanding voltage: 500V AC for 1 minute.

2. Mechanical characteristics

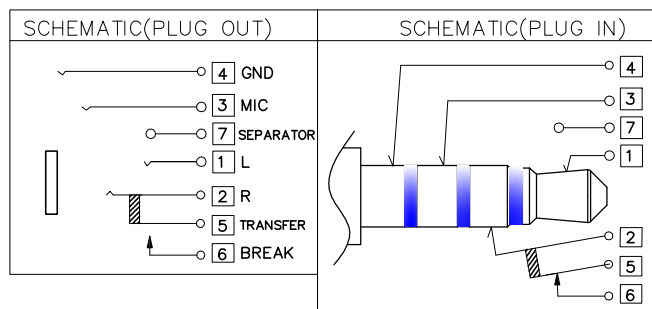
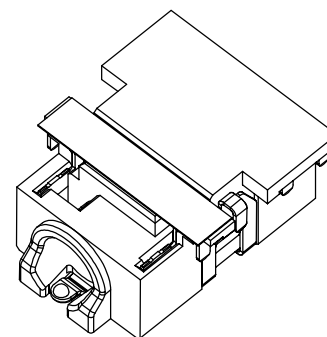
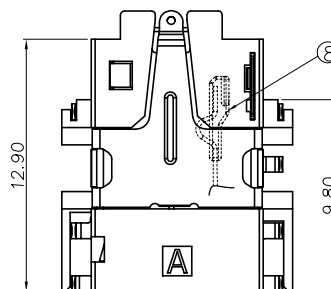
2-1. Life test: 5000 cycles min.

2-2. Mating force: 3kgf MAX,
Unmating force: 0.4kgf MIN.

3. Salt spray test time: 24 hours min.



RECOMMENDED P. C. B LAYOUT (t=1.0mm)
TOP VIEW (TOLRANCE: ±0.05)



10	Mylar	1	Kapton	Yellow
9	Housing	1	HIGH TEMPERATURE PLASTIC	Black
8	Insulator	1	HIGH TEMPERATURE PLASTIC	Black
7	Shunt terminal	1	Phosphor bronze, 0.20t	Gold Plated
5	Shunt terminal	1	Phosphor bronze, 0.20t	Nickel Plated
6	Transfer Spring	1	Phosphor bronze, 0.20t	Gold flash On Contact Area 80u"matte tin on Solder Tail Area, All over Nickel Plated
4	Ring spring	1	Phosphor bronze, 0.20t	5u" Au On Contact Area 80u"matte tin on Solder Tail Area, All over Nickel Plated
3	Ring spring	1	Phosphor bronze, 0.20t	5u" Au On Contact Area 80u"matte tin on Solder Tail Area, All over Nickel Plated
2	Tip spring	1	Phosphor bronze, 0.25t	5u" Au On Contact Area 80u"matte tin on Solder Tail Area, All over Nickel Plated
1	Earth spring	1	Phosphor bronze, 0.20t	5u" Au On Contact Area 80u"matte tin on Solder Tail Area, All over Nickel Plated
NO.	DESCRIPTION	QTY	MATERIAL	REMARK

						Angle	±2°	DESIGN	罗振强	2019.06.24
						. x	±0.30	CHECK		
	A-1	2019.06.24	产品追加喷码.	罗振强	刘伟	. xx	±0.25	APPROVAL		
	A-0	2018.09.06	NEW.	罗振强	李海鸥	. xxx	±0.10			
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED		SCALE: 3:1	UNIT:mm	A4

东莞市高迪电子有限公司

CUSTOMER DRAWING	TITLE:	Ø3.5mm PHONE JACK
	MODEL NO.	PJR-D3501A-ABK7AS03L-RH
	FILE NO.	Q/DY.QW-001A-0649