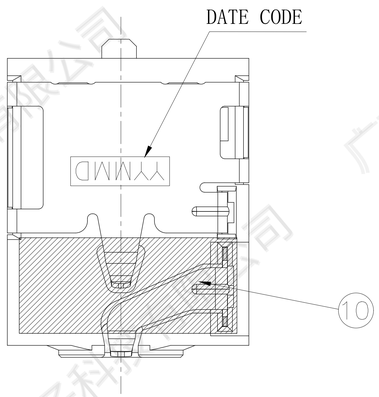
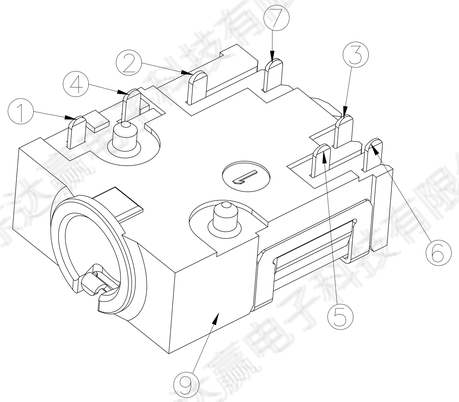
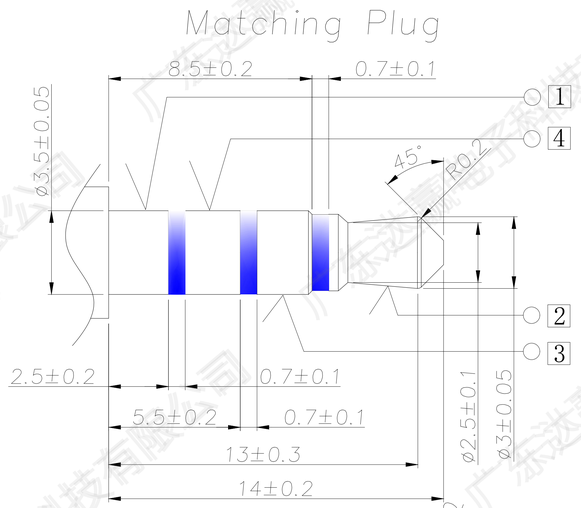
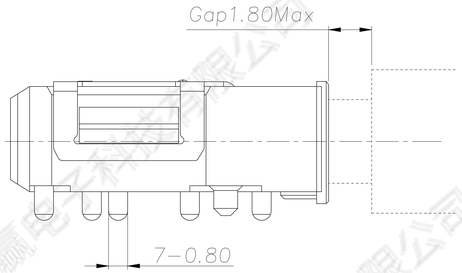
SPECIFICATION:

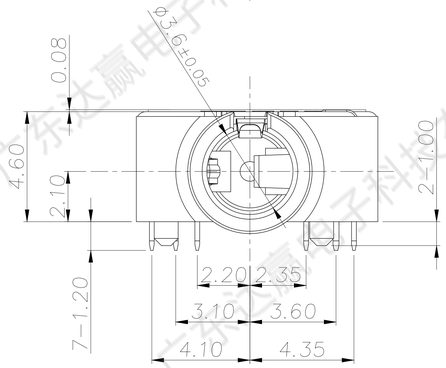
1. Electrical characteristics
   1-1. Current rating:DC 0.5A max.
   1-2:Voltage rating:DC 30V.
   1-3:Contact resistance:50mΩ max.
   1-4. Insulation resistance:100MΩ min. at 500V DC.
   1-5. Withstanding voltage:500V AC for 1 minute.
2. Mechanical characteristics
   2-1. Life test:5000 cycles min,
   2-2. Mating force:3～30N,
   Unmating force:3～30N.
3. Salt spray test time:48 hours min.

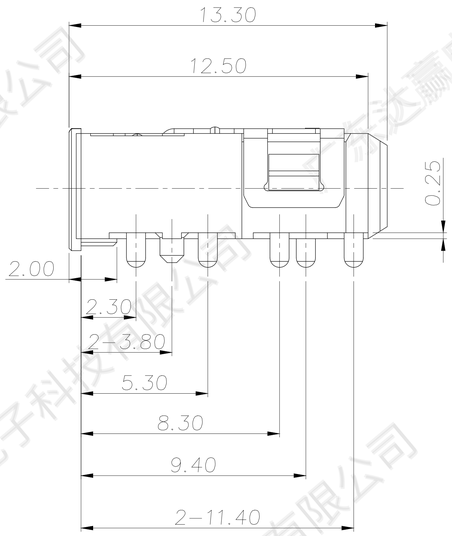


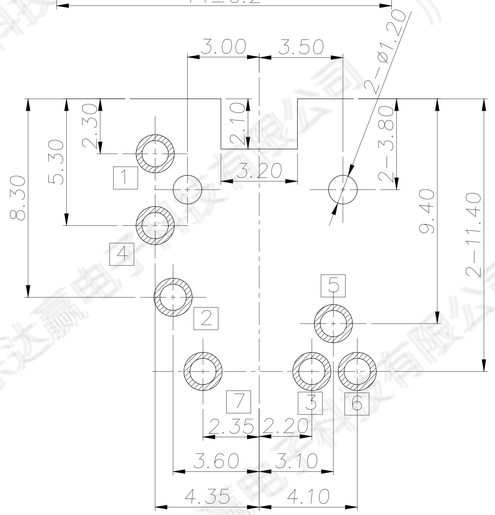




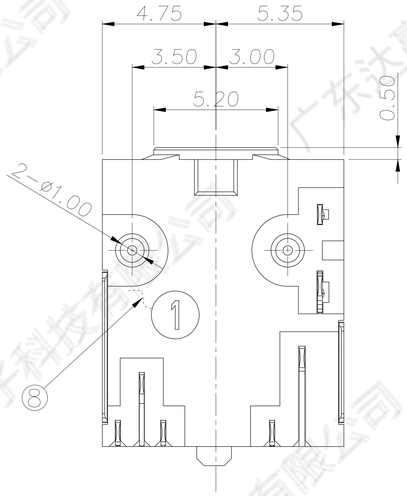




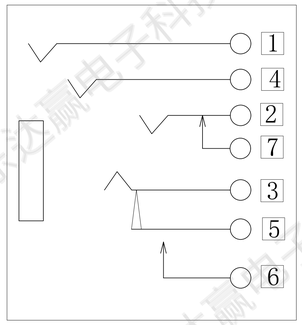




RECOMMENDED P.C.B LAYOUT(t=1.0mm)
TOP VIEW (TOLRANCE:±0.05)



MODEL NO.:
PJ-D31560-ABK7AU06L-RH
(1) (2) (3) (4)(5) (6)
(1) Series no.
(2) Schematic type: A
(3) Housing color:
BK7=Black
(4) Terminal plating:
AU06=Plating Gold 30″ min.
(5) Packing mode:L=Reel packing
(6) Environmental requirements:
RH=RoHS 2.0 + Halogen Free



Circuit Diagram A

NO.	DESCRIPTION	QTY	MATERIAL	REMARK
10	Mylar	1	Kapton	Yellow
9	Housing	1	PA10T R630NH+30%GF UL 94V-0	Black
8	Molding	1	PA10T R630NH+30%GF UL 94V-0	Black
7	Shunt terminal [7]	1	Phosphor bronze, 0.20t	Gold Flash On Contact Area And Solder Tail , All over Nickel Plated.
6	Shunt terminal [6]	1	Phosphor bronze, 0.20t	Gold Flash On Contact Area Tin Plating on Solder Tail Area , All over Nickel Plated
5	Transfer Spring [5]	1	Phosphor bronze, 0.20t	
4	Ring spring(shell) [4]	1	Phosphor bronze, 0.20t	Gold 30u"Min On Contact Area Gold Flash on Solder Tail Area , All over Nickel Plated
3	Ring spring [3]	1	Phosphor bronze, 0.20t	
2	Tip spring [2]	1	Phosphor bronze, 0.25t	
1	Earth spring [1]	1	Phosphor bronze, 0.20t	

					Angle	±2°	DESIGN	罗振强	2017.10.23	
					.x	±0.30	CHECK			
					.xx	±0.25	APPROVAL			
	A-0	2017.10.23	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

广东达赢电子科技有限公司
Guangdong DaYing Electronic Technology Co.,ltd.

TITLE:	ø3.5mm PHONE JACK
MODEL NO.	PJ-D31560-ABK7AU06L-RH
FILE NO.	Q/SSY.QW-001A-0540

SHEET:1 of 1