

SPECIFICATION:

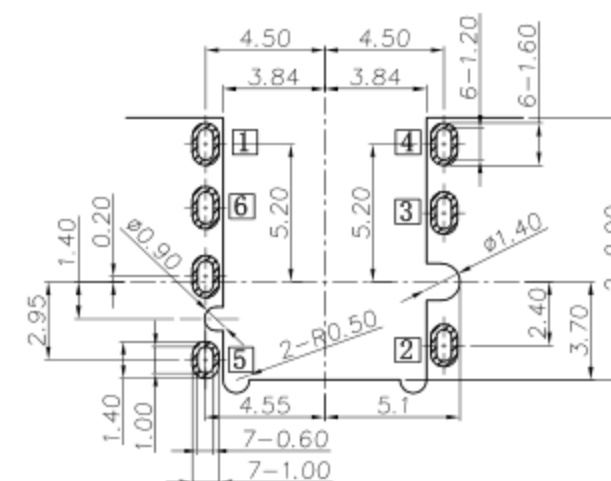
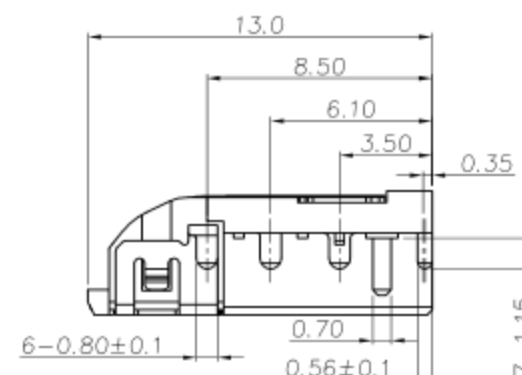
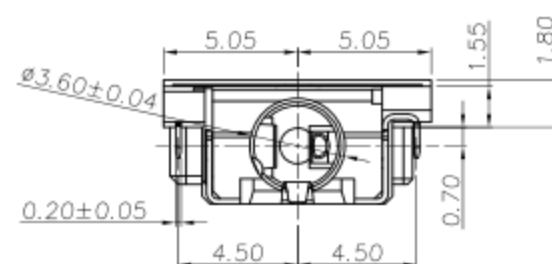
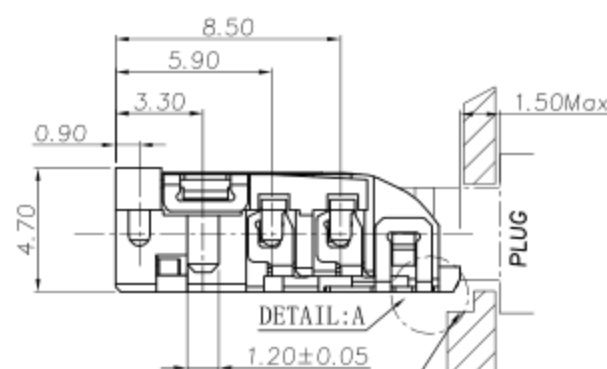
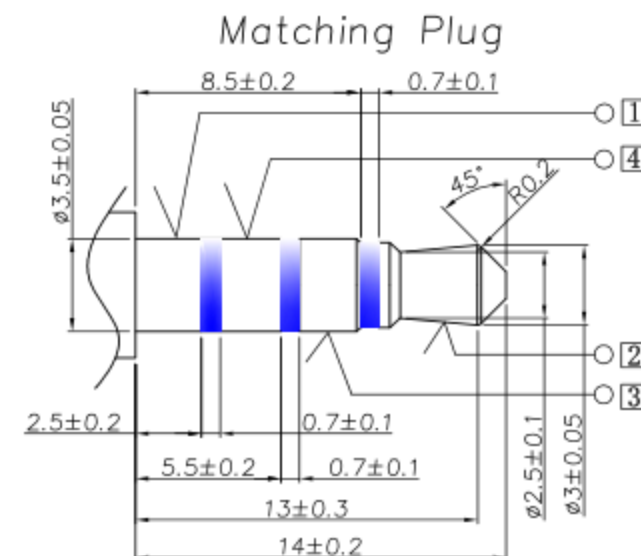
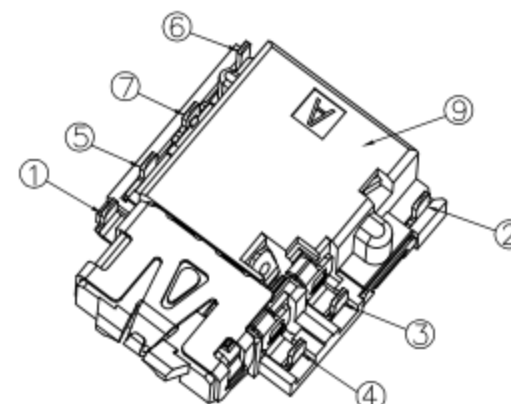
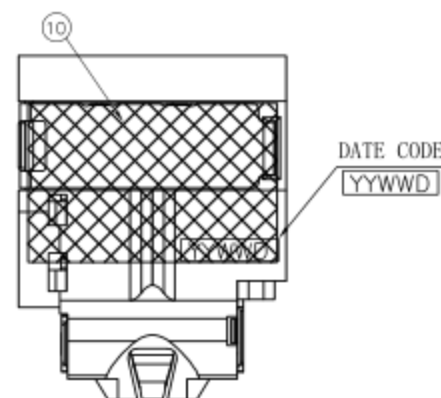
1. Electrical characteristics

- 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: 2~30N.

3. Salt spray test time: 48 hours min.



MATCHED MECHANISM'S ID NEED TO
AVOID INTERFERENCE WITH
TERMINAL AFTER PLUG IN

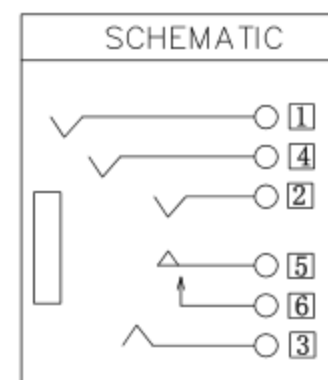
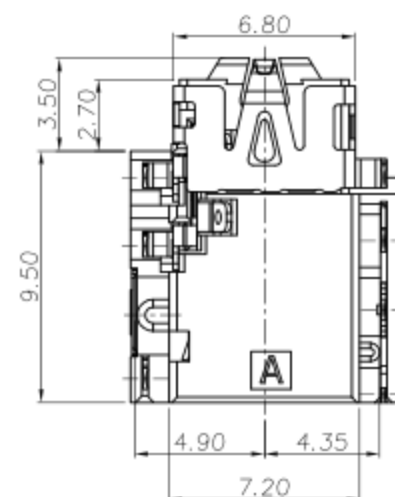
PRODUCT APPLICATION:
THE SPRING WORKING
POSITION WHEN PLUG IN

MODEL NO. :

PJ-D31570-ABK7AS02L-RH

(1) (2)(3) (4)(5) (6)

DETAIL: A
SCALE: 2:1



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

- (1) Series no.
- (2) Schematic type: A, B, C
- (3) Housing color:
BK7=Black
- (4) Terminal plating:
AS02=Plating Tin/Gold Flash.
- (5) Packing mode: L=Reel packing
- (6) Environmental requirements:
Rh=RoHS 2.0 + Halogen Free

10	Mylar	1	Kapton	Yellow
9	Housing	1	PA10T R630NH+30%GF UL 94V-0	Black
8	Insulator	1	PA10T R630NH+30%GF UL 94V-0	Black
7	shell	1	Phosphor bronze, 0.20t	Tin Plating on Solder Tail Area, All over Nickel Plated 50u" Min.
6	Transfer Spring [5]	1	Phosphor bronze, 0.20t	Gold Flash On Contact Area, Gold Flash on Solder Area, All over 50u" Ni.
5	Shunt terminal [6]	1	Phosphor bronze, 0.20t	
4	Ring spring [4]	1	Phosphor bronze, 0.20t	Gold Flash On Contact Area;
3	Ring spring [3]	1	Phosphor bronze, 0.20t	Matte Tin 80u" on Solder Tail; All
2	Tip spring [2]	1	Phosphor bronze, 0.20t	over 50u" Ni.
1	Earth spring [1]	1	Phosphor bronze, 0.20t	
NO.	DESCRIPTION	QTY	MATERIAL	REMARK

					Angle	±2°	DESIGN	罗振强	2018.07.28
					.X	±0.30	CHECK		
					.XX	±0.25	APPROVAL		
					.XXX	±0.10	SCALE: 1:1	UNIT:mm	A4
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED	SCALE: 1:1	UNIT:mm	A4

东莞市高迪电子有限公司

CUSTOMER DRAWING	TITLE:	φ3.5mm PHONE JACK
	MODEL NO.	PJR-D31570-ABK7AS02L-RH
	FILE NO.	Q/DY. QW-001A-0670