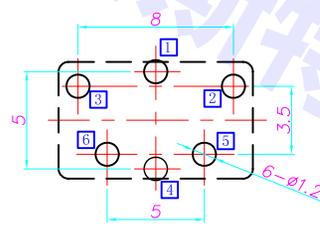
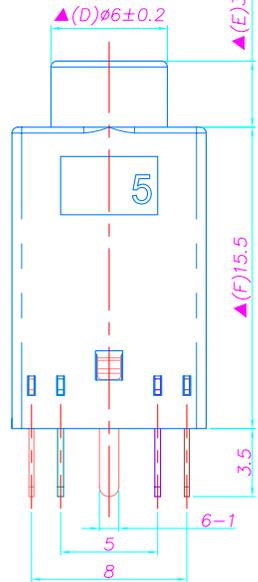
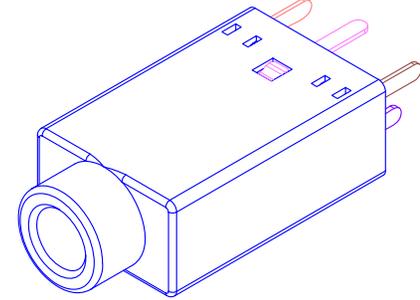
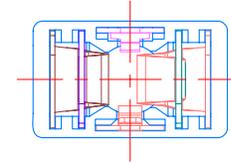
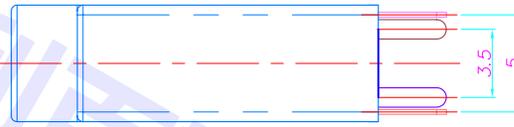
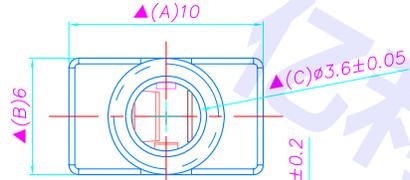
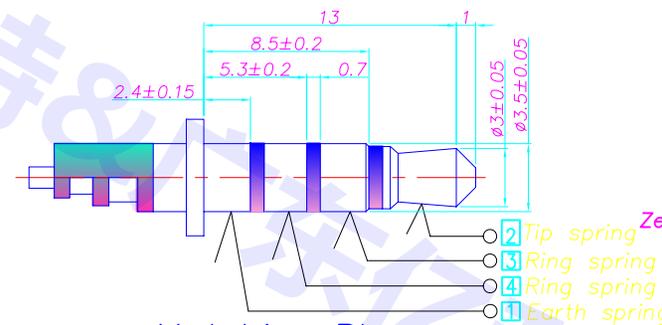


Model No.	PJ31590-I	PJ31590-J	PJ31590-M	PJ31590-A	PJ31590-B	PJ31590-D
Schematic						

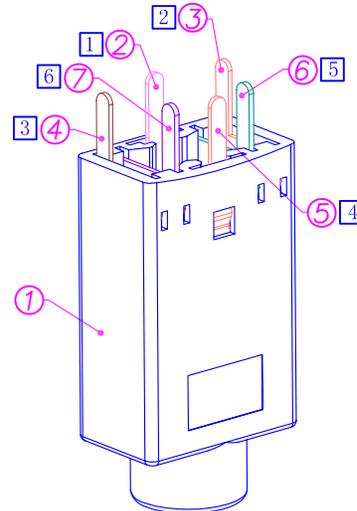
□: TERMINAL NO.



RECOMMENDED P.C.B. LAYOUT  
UNSPECIFIED TOLERANCE: ±0.05  
(Copper-sided view)



Matching Plug



Specification:

- Rating : DC 30V 0.5A;
- Contact resistance:  $\leq 30m\Omega$  ;  
After life test:  $\leq 50m\Omega$
- Insulation resistance:  $\geq 100M\Omega$  (500VDC);  
After life test:  $\geq 50M\Omega$
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 5N~35N;
- life test: 5000cycles min;
- Operation temperature range: -20°C~70°C
- Preservative temperature range: -40°C~85°C
- Sign"▲" is importance dimension

REV. LTR.	DESCRIPTION	SIGN	DATE

Ordering information:  
**PJ31590 -□ PB □□ S 00 3**

- (1) (2) (3) (4) (5) (6) (7)
- Series No.
  - Schematic option: I J M A B D
  - Material of housing:  
PB=PBT(default)
  - Housing color:  
0A=Black 2L=Red(701C)  
Zero5G=Green(577C) 6A=Blue(284C)
  - Terminal plating  
S=Silver(Ag)(default)  
A=Gold(AU)
  - Special option:  
00=No special option
  - Packing mode:  
3=Plastic box packing

7	Shunt terminal	6	1	Brass 0.3t	PJ31590-06	Silver/Gold plating
6	Shunt terminal	5	1	Brass 0.3t	PJ31590-05	Silver/Gold plating
5	Ring spring	4	1	Phosphor bronze 0.25t	PJ31590-04	Silver/Gold plating
4	Ring spring	3	1	Phosphor bronze 0.25t	PJ31590-03	Silver/Gold plating
3	Tip spring	2	1	Phosphor bronze 0.25t	PJ31590-02	Silver/Gold plating
2	Earth spring	1	1	Phosphor bronze 0.25t	PJ31590-01	Silver/Gold plating
1	Housing		1	PBT,UL-94V-0	PJ31590-S1	

ITEM	DESCRIPTION	QTY	MATERIAL	PART NO.	REMARK
UNIT: MM		TYPE:		MODEL NO:	
		ø3.5 PHONE JACK (180° Dip type)		PJ31590-PB_S003	
DESIGNER BY:		K J P 2011.3.26		PAPER NO: A4	
CHECK BY:				PAGE 1 OF 1	
APPROVED BY:				TOLERANCE: ±0.25	
				ANGLES: ±2'	
				SCALE: FULL	
				VER: 03	

深圳市亿利百斯特电子有限公司  
Shenzhen ElyBest Electronics Co., Ltd