

Recommend PCB Layout  
Tolerance :  $\pm 0.1$ (Top view)

- NOTES:
- 1.Rating:DC12V 1.0A;
  - 2.Contact Resistance:Before the test $\leq 30$ milliohm,  
After the test $\leq 50$ milliohm;
  - 3.Insulation Resistance at DC500v:Before the test $\geq 100$ megohm;  
After the test $\geq 50$ megohm;
  - 4.Withstand Voltage:AC500V for 1minutes;
  - 5.Insertion and Extraction force:3~30N;
  - 6.Life test:500 Cycles.
  - 7.Operating temperature range:-25℃~+70℃ 85%RH MAX;
  - 8.Storage Temperature Range:-40℃~+70℃ 85%RH MAX.

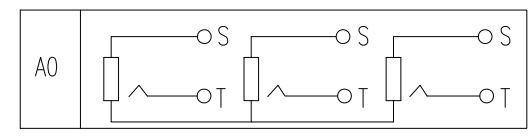


TABLE A : SCHEMATIC

NO.	CODE	MATERIAL	COLOR	REMARK
2	B4	PBT 30%G/F UL94V-0	YELLOW	RoHS2&H.F Fit
1	B0	PBT 30%G/F UL94V-0	YELLOW	RoHS2 Fit

TABLE B : PLASTICAL MATERIAL

01	BLK	BLK	BLK						
02	RED	RED	RED						
03	WHT	WHT	WHT						
04	YEL	YEL	YEL						
05	GRN	GRN	GRN						
06	RED	WHT	ORN						
07	122C	WHT	193C						
08	YEL	RED	WHT						
CHOOSE	A	B	C	CHOOSE	A	B	C		

WHT:WHITE(白)	BLU:BLUE(蓝)	193C:RED(红)
YEL:YELLOW(黄)	GRY:GRAY(灰)	2145C:BLUE(蓝)
GRN:GREEN(绿)	RED:RED(红)	7725C:GREEN(绿)
BLK:BLACK(黑)	122C:YELLOW(黄)	

TABLE C : Color Code of Washer

2	AB	Cu:80u"+Tin:4u"Min	Cu:80u"+Tin:4u"(Min)	48Hours Salt
1	AZ	Cu:40u"+Tin:4u"Min	Cu:40u"+Tin:4u"(Min)	24Hours Salt
NO.	PLATING CODE	TERMINAL	SHEEL	REMARK

TABLE D : Plating Code

P/N: RC3133W-XXXX-A0XXXXX

Model P/N \_\_\_\_\_ Packing B:Tray

Plastical Material \_\_\_\_\_ Remark  0:Normal;

Washer Color \_\_\_\_\_ Shell Material H:Spcc; C:Brass C2680;

Circuit Code (See Table A) \_\_\_\_\_ Plating Code (Choose From Table D)

4	TERMINAL	3	BRASS	Cu/Sn PLATED	----
3	OUTER CONTACT	1	BRASS	Cu/Sn PLATED	----
2	WASHER	3	PBT	Choose from P/N UL-94V-0	----
1	HOUSING	1	Choose from P/N Material code	Choose from P/N UL-94V-0	----
NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK

Tolerance X.X $\pm 0.30$ X.XX $\pm 0.20$ X.XXX $\pm 0.10$ Angle $\pm 3.0^\circ$	MODEL NAME:RCA PIN JACK	DRAWING: Carlyle Xu
	MODEL No:RC3133W-BOXX-A0XXX0B	CHECKED: David Zhou
	SCALE:1:1	APPROVED: Jacky Lee
	REVISION A0	DATE: 2015.04.23
UNIT:mm	1/1	FILE: F/LINGYANG
	Ling Yang Precision Co.,Ltd	DWG NO. RC3133W-A001