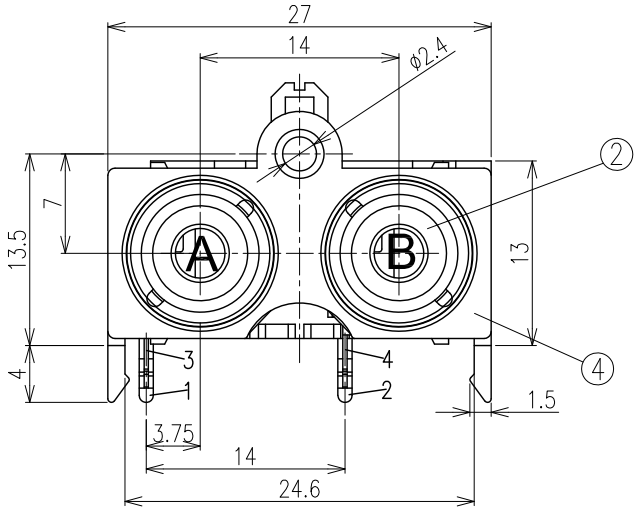
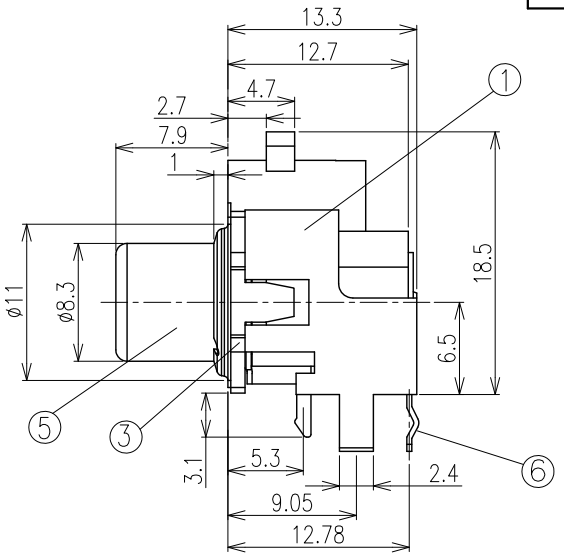
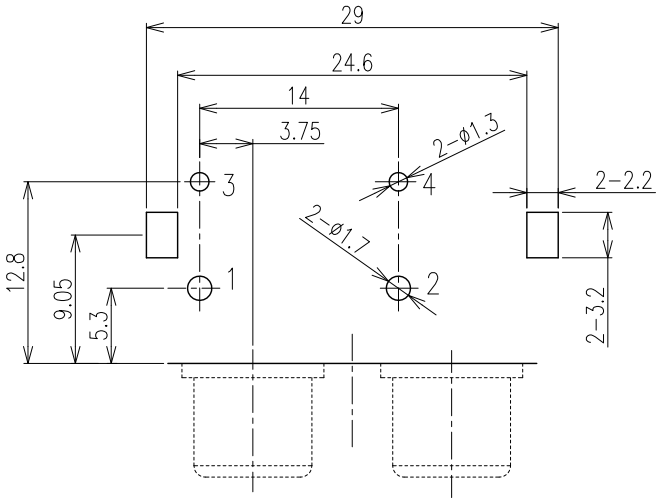
正式图 | 参考图 | CUSTOMER DRAWING | The requirements of environmental protection | ROHS2 | Halogen free

Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
——	——	INITIAL RELEASE	Carlyle Xu	2015-02-04







RECOMMEND PCB LAYOUT

Tolerance : ±0.1(Printed-side view)

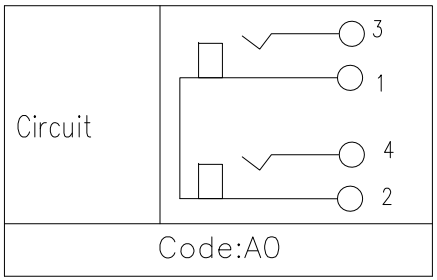


TABLE A:Circuit

NOTES:
1.Rating:DC12V 1.0A;
2.Contact Resistance:Before the test≤30milliohm,
After the test≤50milliohm;
3.Insulation Resistance at DC500v:Before the test≥100megohm;
After the test≥50megohm;
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.

NO.	CODE	MATERIAL	COLOR	REMARK
3	A0	ABS	BLACK	RoHS2 Fit
2	B4	PBT 30%G/F UL94V-0	BLACK	RoHS2&H.F Fit
1	B0	PBT 30%G/F UL94V-0	BLACK	RoHS2 Fit

TABLE B : Plastical Material

06	RED	BLK	15	RED	WHT	23	WHT	BLK		
07	GRN	BLU	16	GRN	RED					
09	WHT	193C	17	GRN	WHT					
10	RED	WHT	18	164C	BLK					
11	YEL	WHT	19	YEL	RED					
12	WHT	YEL	20	YEL	RED					
13	WHT	RED	21	RED	YEL					
14	YEL	BLK	22	BLK	RED					
CHOOSE	A	B	CHOOSE	A	B	CHOOSE	A	B		

WHT:WHITE(白) BLU:BLUE(蓝) BRN:BROWN(棕)
YEL:YELLOW(黄) ORN:ORANGE(橙) BRN:BROWN(深棕)
GRN:GREEN(绿) GRY:GRAY(灰) 193C:RED(红)
BLK:BLACK(黑) RED:RED(红)

TABLE C : Color Code of Washer

NO.	PLATING CODE	SHELL	TERMINAL	OUT CONTACT	REMARK
4	AE	Cu:80u"+Tin:4u"+Au:1u"(Min)	Cu:40u"+Tin:4u"Min	Cu:80u"+Tin:4u"(Min)	48Hours Salt
3	AG	Cu:40u"+Tin:4u"+Au:0.8u"(Min)	Cu:40u"+Tin:4u"Min	Cu:40u"+Tin:4u"(Min)	——
2	AB	Cu:40u"+Tin:4u"(Min)	Cu:40u"+Tin:4u"Min	Cu:80u"+Tin:4u"(Min)	48Hours Salt
1	A2	Cu:40u"+Tin:4u"(Min)	Cu:40u"+Tin:4u"Min	Cu:40u"+Tin:4u"(Min)	24Hours Salt

TABLE D : Plating Code

P/N: RC2018W-XXXX-A0XXXXX

- Model P/N
- Plastical Material (Choose From Table B)
- Washer Color (Choose From Table C)
- Circuit Code (See Table A)
- Plating Code (Choose From Table D)
- Shell Material ☐H:Spce-sd; ☐C:Brass C2680;
- Remark ☐ 0:Normal;
- Packing ☐B:Tray

NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK
⑥	Terminal-T	2	BRASS t=0.35mm	Choose from Table D	X
⑤	Out contact-s	1	BRASS t=0.3mm	Choose from Table D	X
④	Shell	1	BRASS t=0.2mm	Choose from Table D	X
③	Cover	1	ABS UL94-HB	Black	X
②	Washer	2	(Choose from Table B)	Choose from Table C	X
①	Housing	1	(Choose from Table B)	Choose from Table C	X

Tolerance
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±3.0°

UNIT: mm

MODEL NAME: RCA PIN JACK
MODEL No: RC2018W-B0XX-A0XXX0B
SCALE 1:1 | REVISION A0 | SHEET 1/1

菱揚精密有限公司
Ling Yang Precision Co.,Ltd

DRAWING: Carlyle Xu
CHECKED: David Zhou
APPROVED: Jacky Lee
DATE: 2015.02.04
FILE: F/LINGYANG
DWG NO.RC2018W-A001