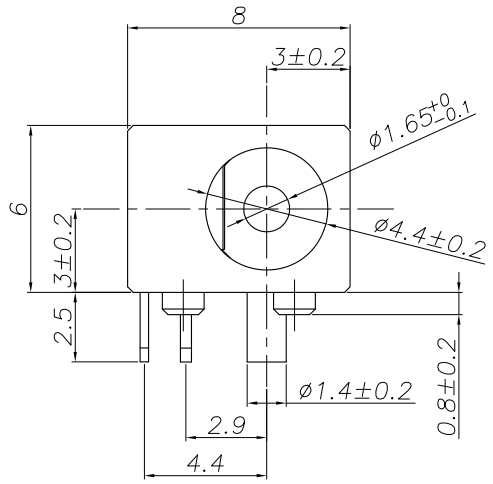
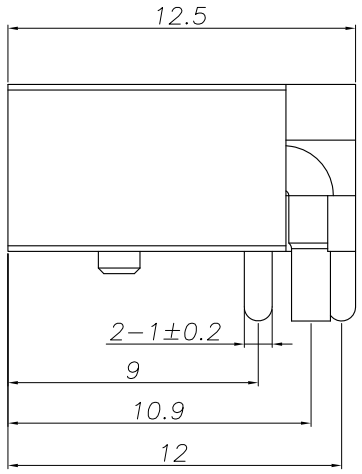
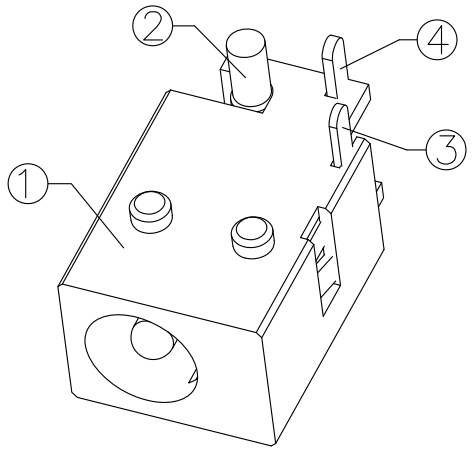
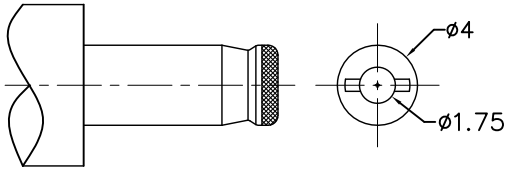
正式图	参考图	CUSTOMER DRAWING
		The requirements of environmental protection
		ROHS2 / Halogen free

Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
——	——	NEW VERSION	Zeng Yu	2014.01.07

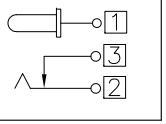








DC MATE PLUG

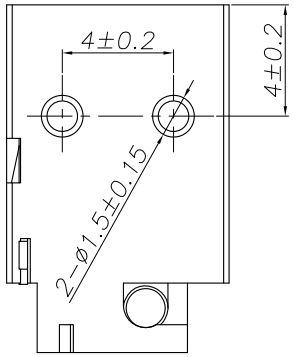
CODE:	00
SCHEMATIC	

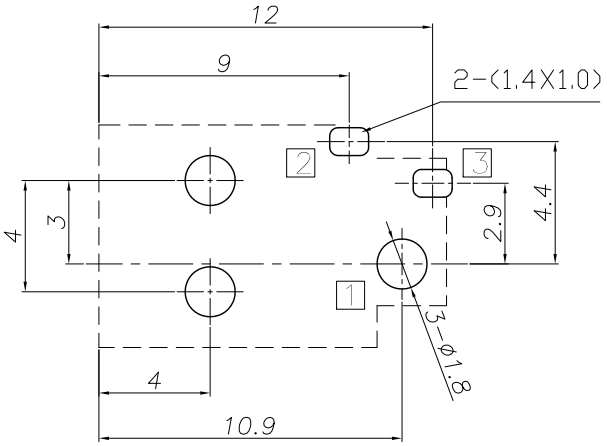
NO	Center Pin Dim Code	CENTER PIN DIA. ø A	PLUG DIM. O.D
1	0165	ø1.65+0 -0.1	ø4.00

TABLE A: Model of Center Pin

NO.	CODE	MATERIAL	REMARK
2	B4	PBT UL94V-0	RoHS2&H.F Fit
1	B0	PBT UL94V-0	RoHS2 Fit

TABLE B : Plastical Material





P.C.B Layout (Top view)

NOTES:
1.Rating:DC30V 1A;
2.Contact Resistance:≤30Milliohm;
3.Insulation Resistance:≥100Megohm;
4.Withstand Voltage:AC500V for one minute;
5.Insertion and Extraction force:3~30N;
6.Life test:5000 Cycles.
7.Operating Temperature:-25°C~+70°C 85%RH Max;
8.Storage Temperature:-40°C~+85°C 85%RH Max.

P/N: DC0023A-XXXX-XXXXXXX
- Model P/N
- Plastical Material (Choose From Table B)
- Housing Color: □01:Black □04:Yellow
- Center Pin Dim Code (Choose from TABLE A)
- SCHEMATIC
- Packing: □B:Tray; □B:PE bag

NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK
④	Shunt terminal	1	Brass 0.4t	PLATED Ag	X
③	Tip spring	1	Phosphor bronze 0.3t	PLATED Ag	X
②	Center pin	1	Brass	PLATED Ag	X
①	Housing	1	CHOOSE FROM TABLE B	Black	X

Tolerance		MODEL NAME: DC POWER JACK	DRAWING: Miao Xue Ting
X.X	±0.30	MODEL No: DC0023A-XXXX-XXXX00X	CHECKED: Zeng Yu
X.XX	±0.20	SCALE: 1:1 / REVISION A0 / SHEET 1/1	APPROVED: Xiao Zhong Bo
X.XXX	±0.10		DATE: 2014-01-07
Angle	±3.0°		FILE: XZB/LINGYANG
UNIT: mm		菱揚精密有限公司 Ling Yang Precision Co., Ltd	DWG NO. DC0023A-A001