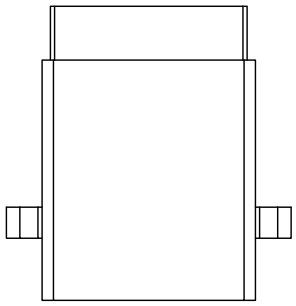
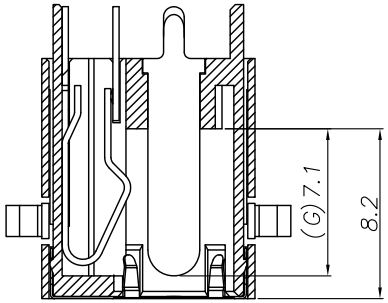
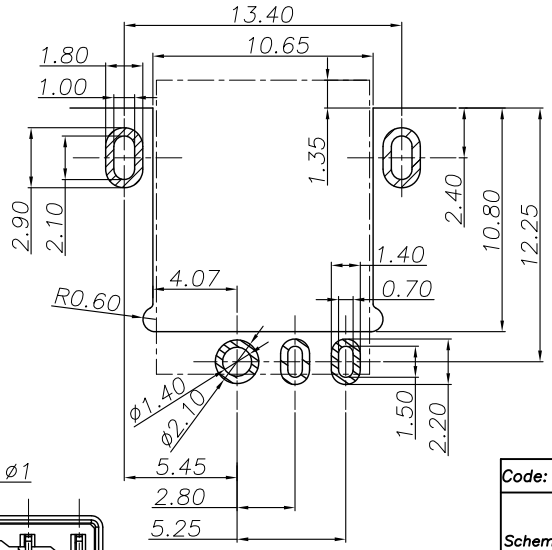
正式图 参考图 | CUSTOMER DRAWING | The requirements of environmental protection | ROHS2 | Halogen free

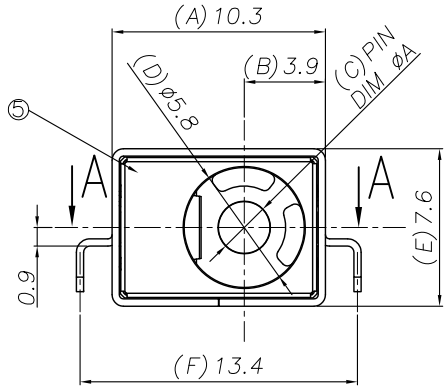
Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
——	——	NEW VERSION	Zeng Yu	2013-12-31

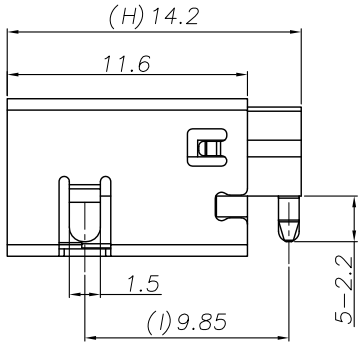


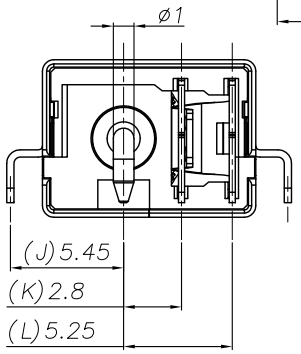


SECTION A-A









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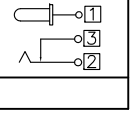
Schematic	
Choose	

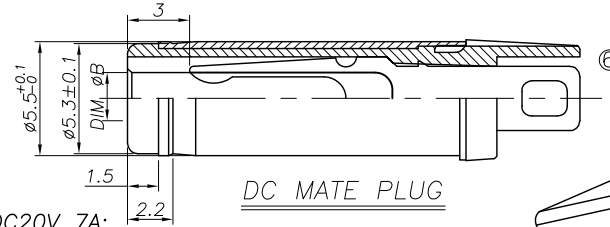
Schematic Code

NO.	Center Pin Dim Code	CENTER PIN DIM. øA	PLUG DIM. øB
2	0250	$ø2.5^{+0}_{-0.05}$	$ø2.55^{+0.05}_{0}$
1	0200	$ø2.0^{+0}_{-0.05}$	$ø2.05^{+0.05}_{0}$

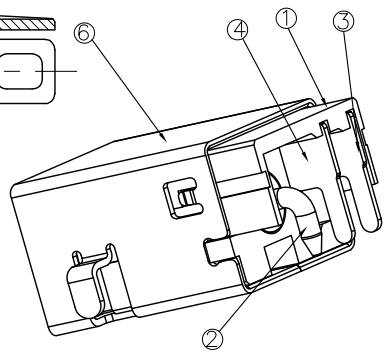
TABLE A: Model of Center Pin

NO.	CODE	MATERIAL	REMARK
1	C0	LCP UL94V-0	RoHS2 Fit

TABLE B : Plastical Material



DC MATE PLUG



P/N:

DC01680-XXXX-XXXXXXX

- Model P/N
- Plastical Material (Choose From Table B)
- Housing Color 01:Black
- Packing □B:Tray; □ R:Tape reel;
- Remark Schematic Code
- Center Pin Dim Code (Choose From Table A)

NOTES:
1. Rating:DC20V 7A;
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.

NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK
⑥	Shell	1	Copper alloy	Nickel60u"Min	——
⑤	Grounding	1	Stainless steel	N/A	——
④	Shunt spring	1	Copper alloy	Nickel20u"Min+Silver20u"Min.	——
③	Tip spring	1	Copper alloy	Nickel20u"Min+Silver20u"Min.	——
②	Center pin	1	Copper alloy	Nickel 80u"Min	——
①	Housing	1	LCP UL94V-0	Choose from P/N color	——

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

UNIT:mm

MODEL NAME:DC POWER JACK
MODEL No:DC01680-C001-XXXXXXX
SCALE:1:1 | REVISION A0 | SHEET 1/1

菱揚精密有限公司
Ling Yang Precision Co.,Ltd

DRAWING: Miao Xue Ting
CHECKED: Zeng Yu
APPROVED: Xiao zhongbo
DATE: 2013-12-31
FILE: XZB/LINGYANG
DWG NO. DC01680-A001