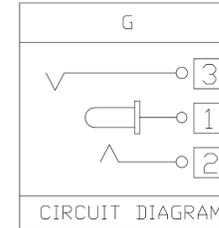
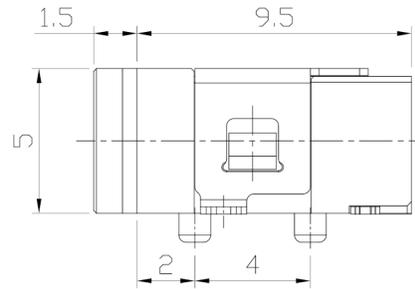
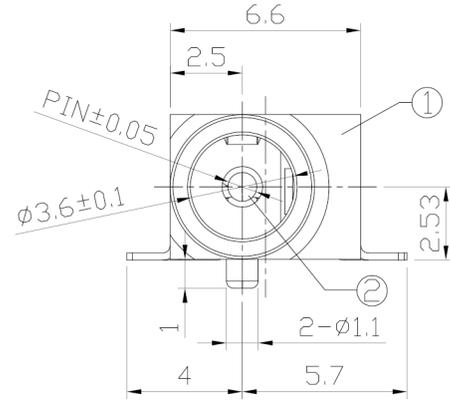




**RoHS Compliant**  
2002/95/EC

REV.	ECN.	NO.	APPD.

**DIMENSIONS**



Model No.	C	E
CENTER PIN	Ø1.0	Ø1.3

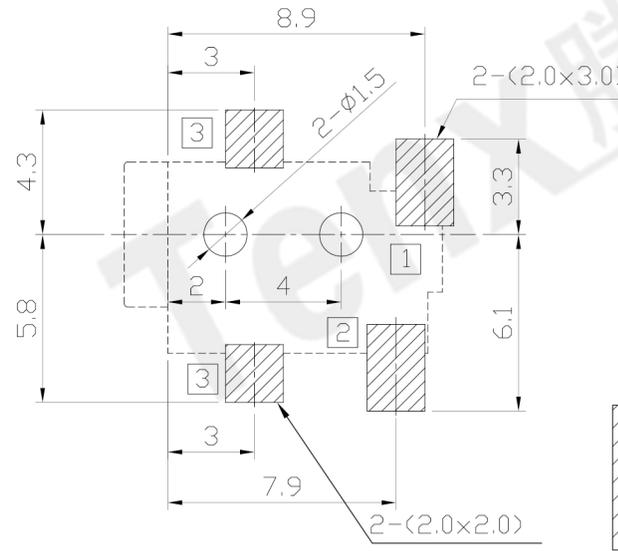
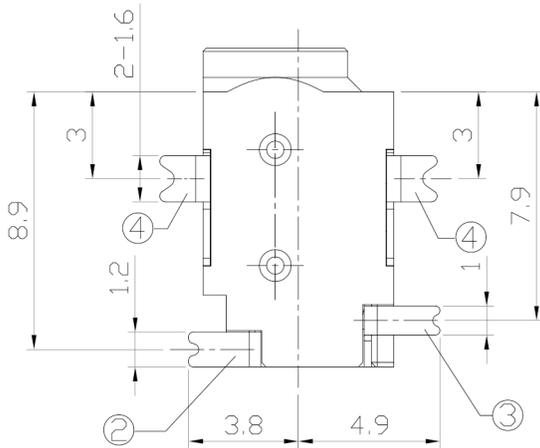
**MODEL CODE:**

**DCB0-0031M-G □ 10 BK S 0 1**

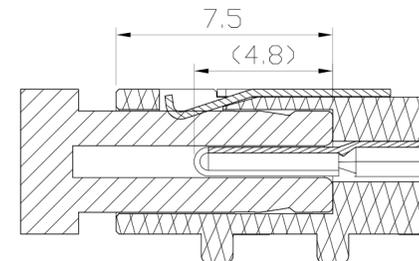
- (1):Series type:SMD DC POWER JACK.
- (2):Series No.
- (3):Schematic option: G
- (4):Center pin diameter:  
C=Ø1.0, E=Ø1.3
- (5):Material of housing:  
10T=PA10T
- (6):Housing color:  
BK=Black(Standard)
- (7):Terminal plating:  
S=Silver(Ag)
- (8):Special option:  
0=No special option
- (9):Packing mode:  
1=Reel packing

**Specification:**

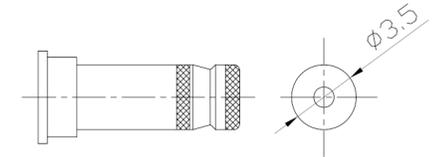
- 1.Rating : DC 30V 1.5A;
- 2.Contact resistance: ≤30mΩ;  
After test:≤50mΩ
- 3.Insulation resistance: ≥100MΩ(250VDC);  
After test:≥50MΩ
- 4.Withstand voltage: 250VAC ;
- 5.Insertion and extraction force: 3N~30N;
- 6.life test: 5000cycles min;
- 7.Operation temperature range: -20℃~70℃;
- 8.Preservation temperature range: -40℃~85℃;



PCB HOLES(TOP VIEW) t=1.0mm  
NOTE:GENERAL TOLERANCE:±0.05mm



Plug Matching Diagram

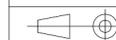


DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS	mm
④	Tip spring II	③ Copper Alloy	1	Silver plating	±0.3	±2°	MAT'L	SEE NOTE
③	Tip spring I	② Copper Alloy	1	Silver plating			FINISH	SEE NOTE
②	Center pin	① Copper Alloy	1	Silver plating			Q'TY	
①	Housing	Hi-Tem. Thermoplastic	1					

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**东莞市腾兴电子有限公司**

TITLE: **SMD DC POWER JACK** PART NO.: **DCB0-0031M**

DR: *Ricky* 2018/06/13 DWG NO.: **AB0-0031M**

CHKD: *Ricky* 2018/06/13 SCALE: 1:1 SHEET: 1/1 REV: A CUSTOMER DRAWING