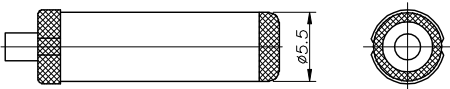
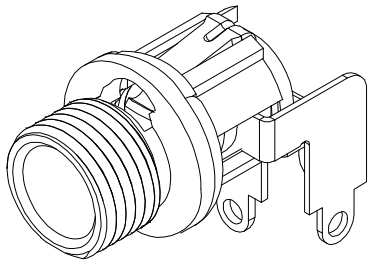
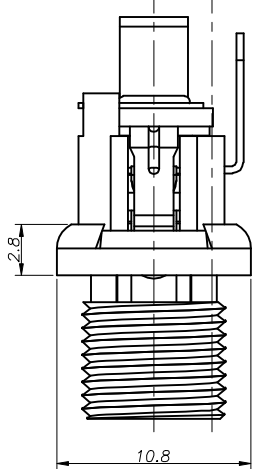
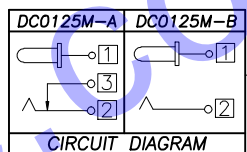


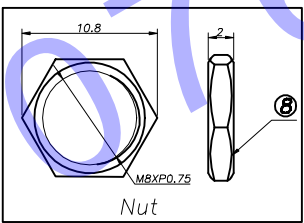
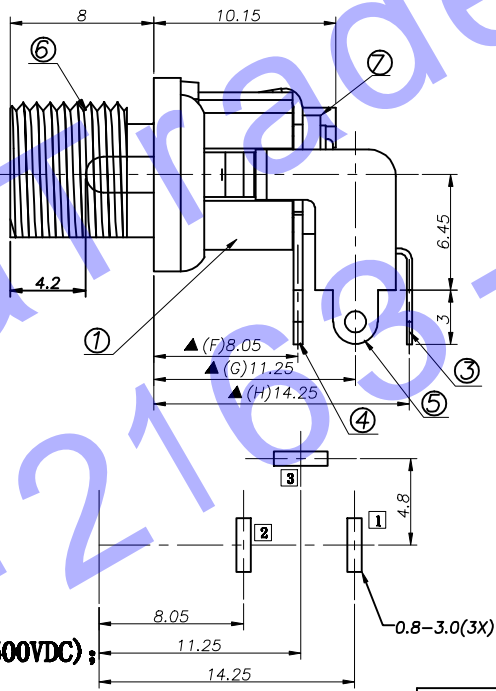
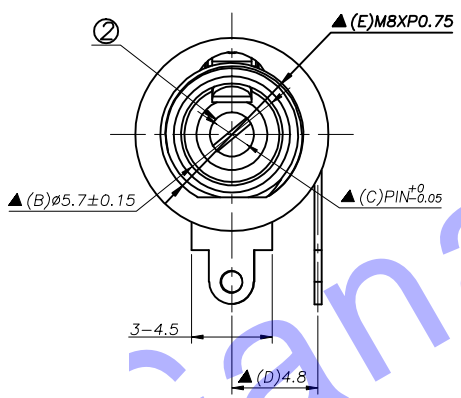
REV.	QTY	ECN. NO.	REASON/CONTENTS	SIGN	DATE
02			Drawing release	Bull. pa	2011/11/04
A0			Add center pin diameter drawing.	H T Z	2015/9/30
A1			Modification of plating specifications.	H T P	2017/5/16



**DC MATE PLUG**



**Ordering information:**  
**DC0125M- □ □ PB OA S 0 4**  
 (1) (2) (3) (4) (5) (6) (7) (8)  
 (1): Series No.  
 (2): Schematic option: A, B  
 (3): Center pin diameter:  
 H=2.0, J=2.5  
 (4): Material of housing:  
 PB=PBT (Standard)  
 (5): Housing color:  
 OA=Black  
 (6): Terminal plating:  
 S=Silver (Ag)  
 (7): Special option:  
 0=No special option  
 (8): Packing mode:  
 4=Bag packing



Model No.	DC0125M-__H	DC0125M-__J
Center Pin	2.0	2.5

**Specification:**

- Rating : DC 30V 3.0A;
- Contact resistance:  $\leq 30m\Omega$ ;  
After test:  $\leq 50m\Omega$
- Insulation resistance:  $\geq 100M\Omega$  (500VDC);  
After test:  $\geq 50M\Omega$
- Withstanding voltage: 500VAC ;
- Insertion and extraction force: 3N~30N;
- life test: 5000cycles min;
- Operation temperature range: -20℃~70℃
- Preservative temperature range: -40℃~85℃
- Sign "▲" is importance dimension.

**RECOMMENDED P.C.B. LAYOUT**  
**UNSPECIFIED TOLERANCE: ±0.05**  
**(COPPER-SIDED VIEW)**

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NO.	DESCRIPTION	QTY	MATERIAL	PLATING
8	Nut	1	Brass	Nickel plating
7	Washer	2	Bakelite(PF)	
6	Bushing	1	Brass	CuSn plating
5	Shunt Terminal	1	Phosphor bronze	Silver plating
4	Tip Spring	1	Phosphor bronze	Silver plating
3	Center pin terminal	1	Brass (C2680-H)	Silver plating
2	Center pin	1	Brass (H65)	CuSn plating
1	Housing	1	PBT,UL 94V-0	Black

UNIT:MM	TOLERANCE	TYPE:	MODEL NO:	DRAWING TYPE:				
THIRD ANGLE	DIMENSIONS	X ±5°	DC0125M-__PBOAS04	CUSTOMER DRAWING				
	.X ±0.30				DRAWING NO:	SCALE	VER.	PAGE
	.XX ±0.30							
.XXX ±0.15	.XX ±2°							

DESIGNER BY:  
 CHECK BY:  
 APPROVED BY:

H D C 有限公司