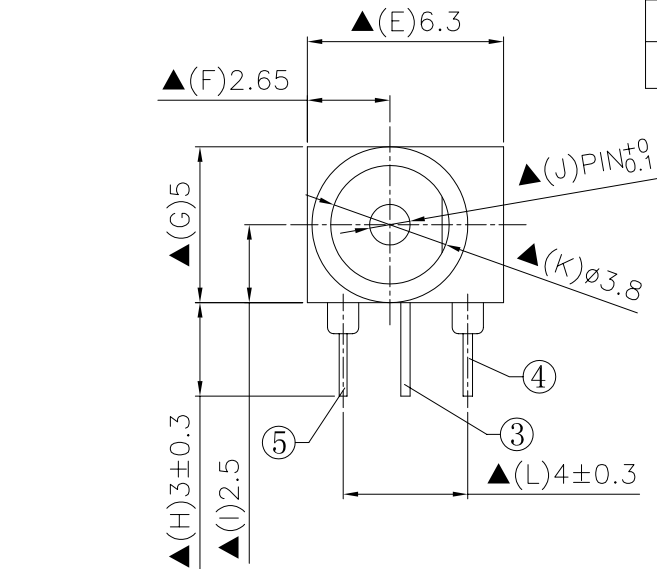
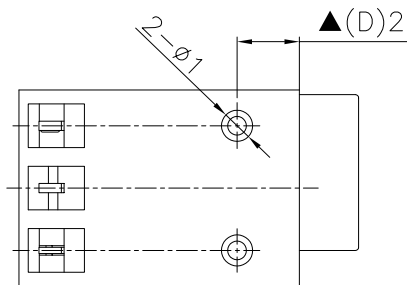
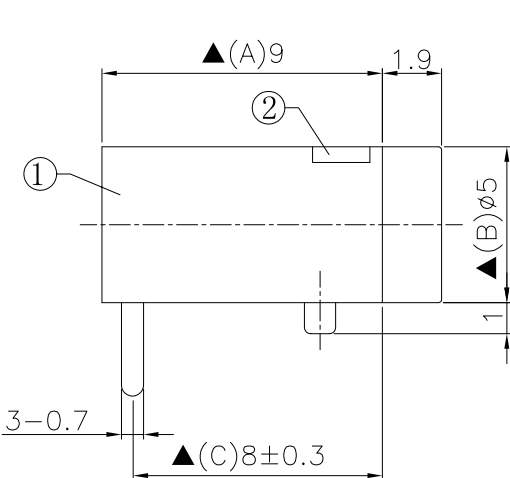
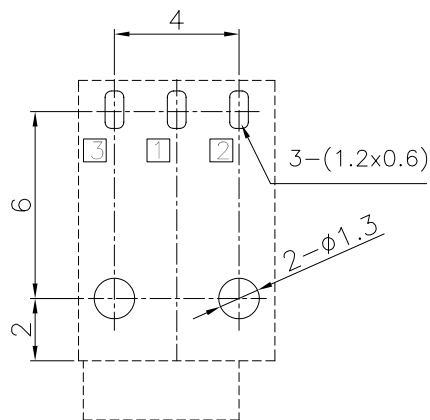


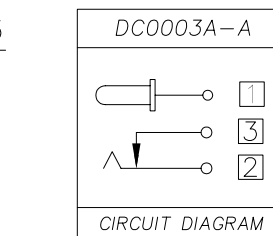
DC MATE PLUG



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

Specification:

- Rating : DC 30V 1A;
- Contact resistance: $\leq 50m\Omega$;
After test: $\leq 150m\Omega$
- Insulation resistance: $\geq 100M\Omega$ (500VDC);
After test: $\geq 50M\Omega$
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 3N~30N;
- life test: 5000cycles min;
- Operation temperature range: $-20^{\circ}C \sim 70^{\circ}C$
- Preservative temperature range: $-40^{\circ}C \sim 85^{\circ}C$
- Sign"▲" is importance dimension.



□ : TERMINAL NO.

Model No.	DC0003A-AC	DC0003A-AE
PIN	$\phi 1.0$	$\phi 1.3$

⑤	Shunt terminal	③	1	Brass t=0.3	DC00030-03	Silver plating
④	Tip spring	②	1	SUS301 t=0.2	DC00030-02	Silver plating
③	Center pin	①	1	Brass t=0.3	DC00030-99C/E	Silver plating
②	Cover		1	PA66/PBT	DC00030-S2	Black
①	Housing		1	PA66/PBT	DC0003A-S1	Black

NO.	DESCRIPTION	QTY	MATERIAL	PART NO.	REMARK
UNIT: MM		TYPE:		MODEL NO:	
DESIGNER BY:		DC POWER JACK		DC0003A-A□□□0AS0□	
CHECK BY:		APPROVED BY:		PAPER NO: A4	
APPROVED BY:		2011.03.15		PAGE 1 OF 1	
TOLERANCE		ANGLES		SCALE	
±0.3		±2°		FULL	
VER		2			

Ordering information:

DC0003A- A □ □ □ 0A S 0 □

(1) (2) (3) (4) (5) (6) (7) (8)

- Series No.
- Schematic option: A
- Center pin diameter:
C= $\phi 1.0$, E= $\phi 1.3$
- Material of housing:
66=PA66, PB=PBT, 9T=PA9T
- Housing color:
0A=Black
- Terminal plating:
S=Silver(Ag)
- Special option:
0=No special option
- Packing mode:
3=Plastic box packing
4=Bag packing