

REV.	Q' TY	ECN. NO.	REASON&CONTENTS	SIGN	DATE
A0			Proposal drawing	Matt	2013.10.25
A1			Updated drawing	Matt	2013.11.20
A2			ADD Coloe Red SPEC	Curtis	2015.07.24

Ordering information:

DC01900 -A □ 9T OA T 0 □

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

(1):Series No.

(2):Schematic option:

A、B

(3):Center pin diameter:

G=φ1.65 H=φ2.0, J=φ2.5

(4):Material of housing:

9T=PA9T

(5):Housing color:

0A=Black,

2Y=Red 032C 

(6):Terminal plating:

T=Tin (Sn)

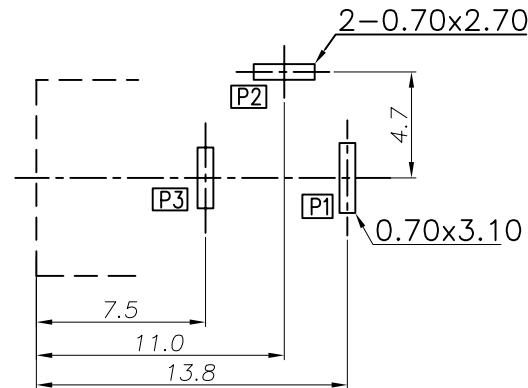
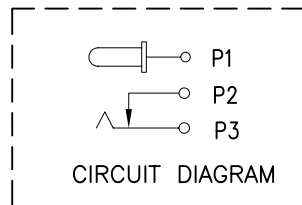
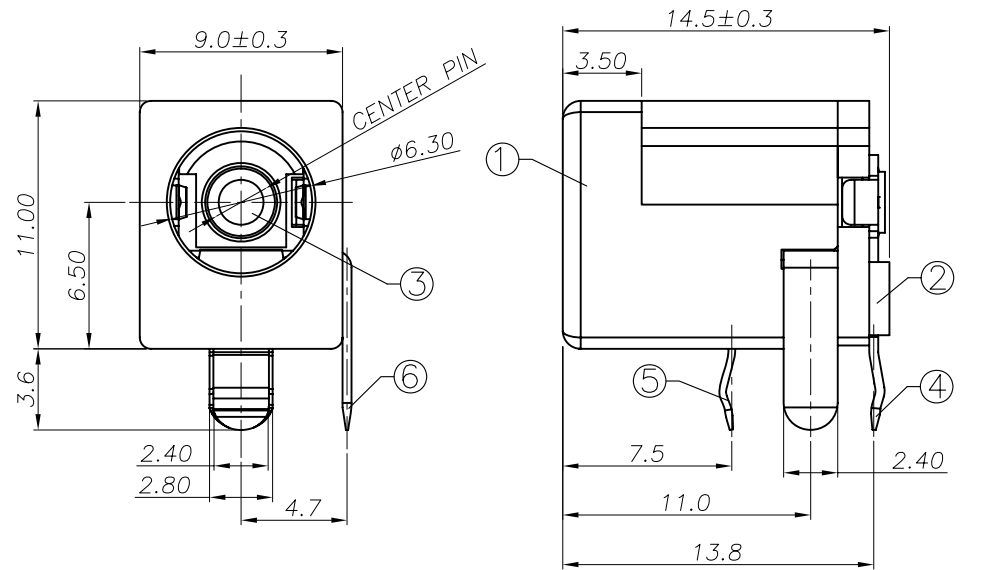
(7):Special option:

0=No special option

(8):Packing mode:

3=Tray packing

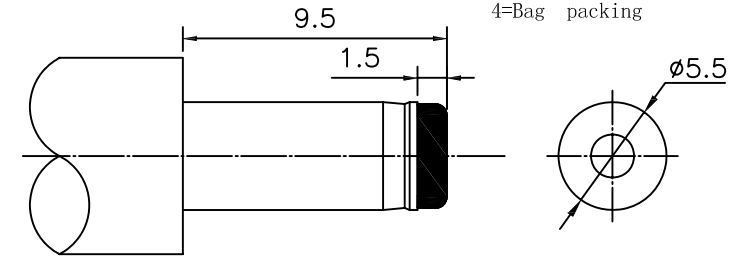
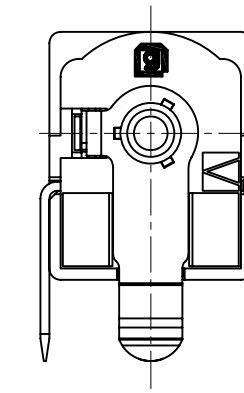
4=Bag packing



Dimensions of PC board holes(Recommen)

Bottom View(t=1.6mm)

Tolerance: ±0.05



DC Mate Plug

⑥	Shunt terminal	P2	1	Brass	Tin 100u", Ni 50u"
⑤	Tip spring	P3	1	Phosphor bronze	Tin 100u", Ni 50u"
④	Center pin terminal	P1	1	Brass	Tin 100u", Ni 50u"
③	Center pin		1	Brass	Ni 50u"
②	Cover		1	PA9T,UL94V-0	Black
①	Housing		1	PA9T,UL94V-0	Black/Red
NO. DESCRIPTION QTY			MATERIAL		REMARK

Specification:

1. Rating : DC 20V 5A.

2. Contact resistance: ≤20mΩ.

After test: ≤100mΩ.

3. Insulation resistance: ≥100MΩ (500VDC).

After test: ≥50MΩ.

4. Withstanding voltage: 500V AC FOR 1 MINUTE.

5. Insertion and extraction force: 3N~30N.

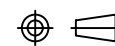
6. life test: 5000cycles min.

7. Operation temperature range: -20℃~70℃.

8. Preservative temperature range: -40℃~85℃.

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UNIT:MM



TOLERANCE

DIMENSIONS	ANGLES
.X ±0.50	X ±5°
.XX ±0.30	.X ±3°
.XXX±0.15	.XX ±2°

TYPE:

DC POWER JACK

MODEL NO:

DC01900-A*9T**T0*

DRAWING TYPE:

CUSTOMER DRAWING

DRAWING No:

BSCR-0000-0157

SCALE:

1:1

VER.:

A2

PAGE:

1/1

DESIGNER BY:

CHECK BY:

APPROVED BY:



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