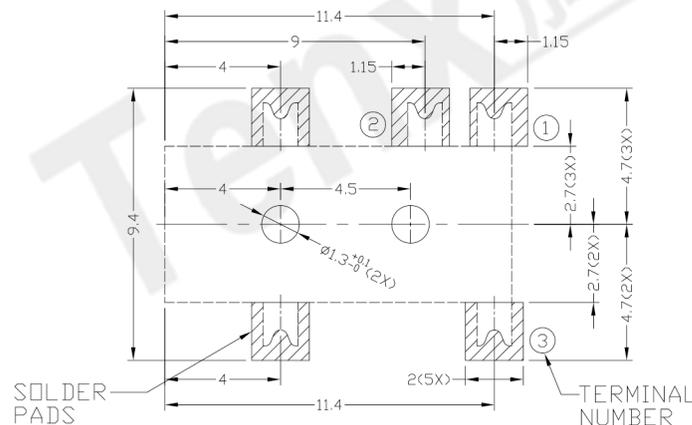
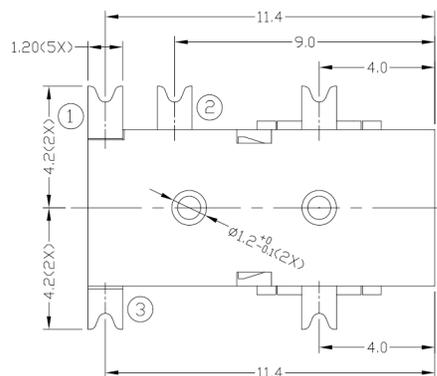
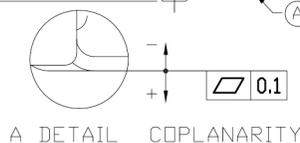
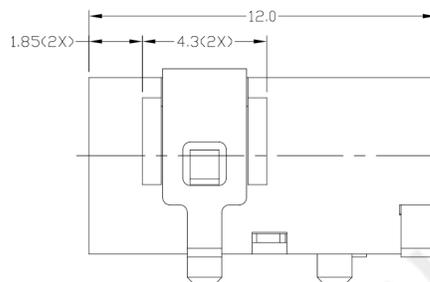
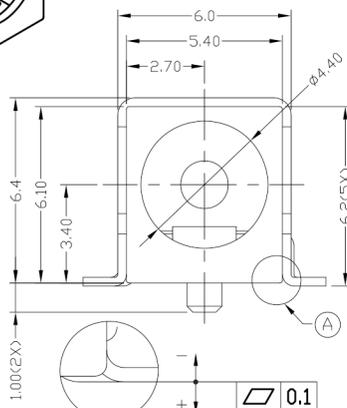
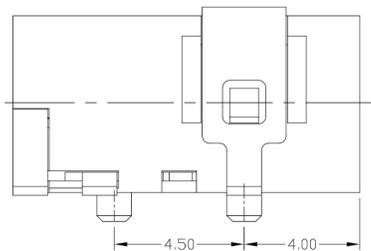
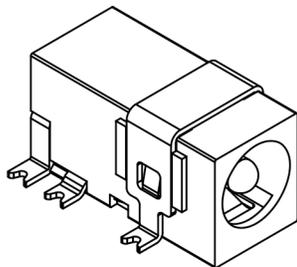



**RoHS Compliant**  
 2002/95/EC  
**Halogen Free**

REV.	ECN.	NO.	APPD.

**DIMENSIONS**

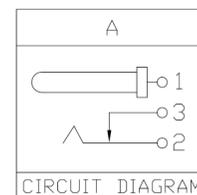


**RECOMMENDED P.C.B. LAYOUT**  
 TOLERANCE:  $\pm 0.05$   
 (TOP VIEW)

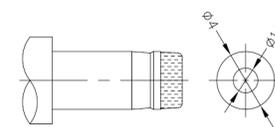
**MODEL CODE:**  
**DCT0-0059DS- A G 10 BK S 0 1**  
 (1) (2) (3)(4)(5) (6) (7)(8) (9)  
 (1):Series type:SMD DC POWER JACK.  
 (2):Series No.  
 (3):Schematic option: A  
 (4):Center pin diameter:  
 $G = \phi 1.65\text{mm}$   
 (5):Material of housing:  
 10=PA10T  
 (6):Housing color:  
 BK=Black  
 (7):Terminal plating:  
 S=Silver(Ag)  
 (8):Special option:  
 0=No special option  
 (9):Packing mode:  
 1=Reel packing

**Specification:**

- 1.Rating : 2.5A/16V DC Max.
- 2.Contact resistance :  $\leq 30\text{m}\Omega$   
After test:  $\leq 60\text{m}\Omega$
3. Insulation resistance :  $\geq 100\text{M}\Omega$  (DC500V).  
After test:  $\geq 50\text{M}\Omega$
4. Withstanding voltage : 500VAC.
5. Insertion and extraction force : 0.3~3Kgs.
6. Life test : 5,000cycles min.
7. Operation temperature range:  $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ .



MODEL NO.	G
CENTER PIN	$\phi 1.65\text{mm}$



**DC MATE PLUG**

**Bill of materials:**

NO.	PARTS	MATERIAL	Q'TY	FINISHING
5	TERMINAL 1	BRASS	1	SILVER PLATED
4	TERMINAL 2	COPPER ALLOY	1	SILVER PLATED
3	TERMINAL 3	BRASS	1	SILVER PLATED
2	SHIELD	BRASS	1	SILVER PLATED
1	HOUSING	PA10T	1	UL94V-0

TOLERANCE	ANGLES	UNITS	mm
$\pm 0.3$	$\pm 2^{\circ}$	MAT'L	SEE NOTE
		FINISH	SEE NOTE
		Q'TY	

<b>东莞市腾兴电子有限公司</b>			
TITLE: <b>SMD DC POWER JACK</b>		PART NO.: DCT0-0059DS	
DR: <i>Ricky</i> 2018/10/02		DWG NO.: AT0-0059DS	
CHKD: <i>Ricky</i> 2018/10/02		SCALE	SHEET
APPD:		1:1	1/1
		REV.	CUSTOMER DRAWING
		A	

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