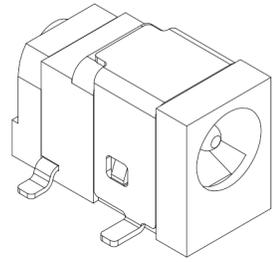


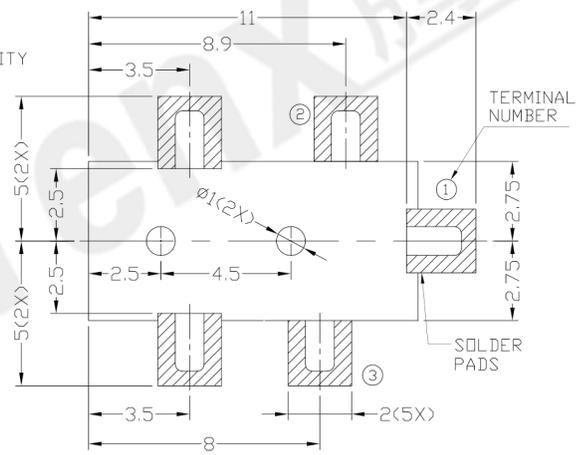
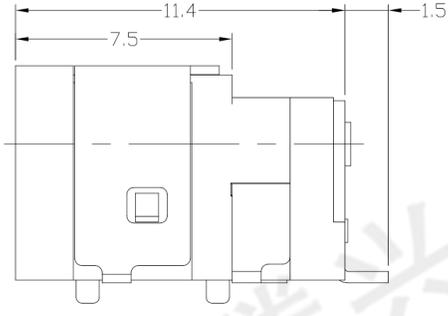
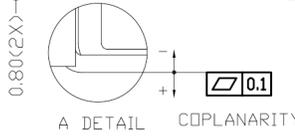
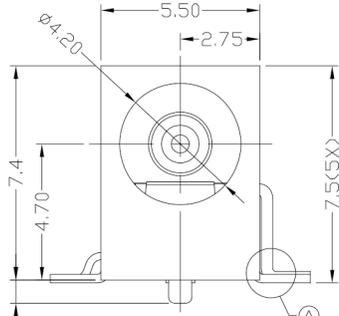
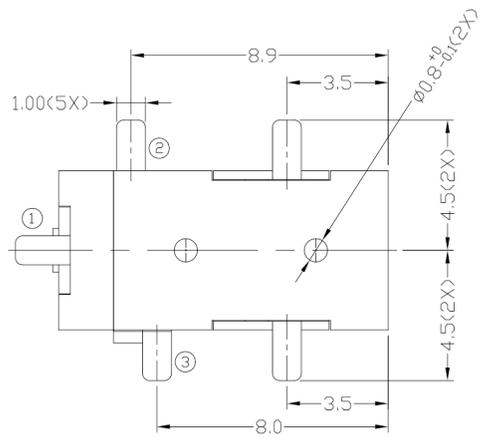
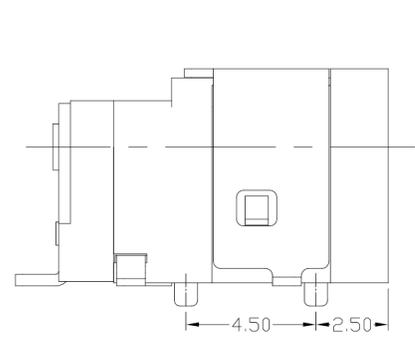

**RoHS Compliant**  
 2002/95/EC  
**Halogen Free**

REV.	ECN.	NO.	APPD.



**MODEL CODE:**  
**DCT0-050DHS- A 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:  
 C=Ø1.0mm,E=Ø1.3mm  
 (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

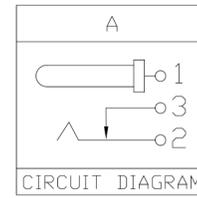
**DIMENSIONS**



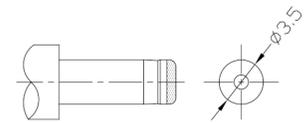
**RECOMMENDED P.C.B. LAYOUT**  
 TOLERANCE:±0.05  
 (TOP VIEW)

**Specification:**

- 1.Rating : 3.5A/16V DC Max.
- 2.Contact resistance : ≤30mΩ  
After test:≤60mΩ
- 3.Insulation resistance : ≥100MΩ (DC500V).  
After test:≥50MΩ
- 4.Withstanding voltage : 500VAC.
- 5.Insertion and extraction force : 0.3~3Kgs.
- 6.Life test : 5,000cycles min.
- 7.Operation temperature range:-25℃~85℃.



MODEL NO.	C	E
CENTER PIN	Ø1.0mm	Ø1.3mm



**DC MATE PLUG**

**Bill of materials:**

NO.	PARTS	MATERIAL	Q'TY	FINISHING
7	CENTER PIN	COPPER	1	NICKEL PLATED
6	TERMINAL 1	BRASS	1	SILVER PLATED
5	TERMINAL 2	COPPER ALLOY	1	SILVER PLATED
4	TERMINAL 3	BRASS	1	SILVER PLATED
3	SHIELD	COLD ROLLED STEEL	1	SILVER PLATED
2	HOUSING	PA10T	1	UL94V-0
1	COVER	PA10T	1	UL94V-0

TOLERANCE	ANGLES	UNITS
±0.3	±2°	mm
		MAT'L
		SEE NOTE
		FINISH
		SEE NOTE
		Q'TY

**东莞市腾兴电子有限公司**

TITLE: <b>SMD DC POWER JACK</b>	PART NO.: DCT0-050DHS
DR: <i>Ricky</i> 2018/10/01	DWG NO.: AT0-050DHS
CHKD: <i>Ricky</i> 2018/10/01	SCALE SHEET REV. CUSTOMER 1:1 1/1 A DRAWING
APPD:	

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