

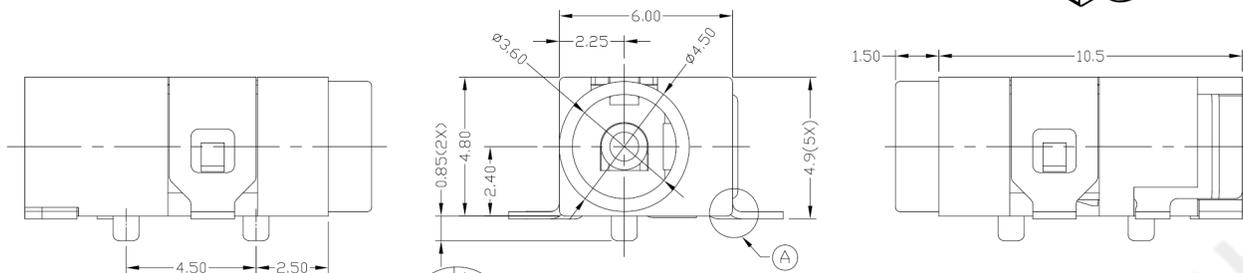
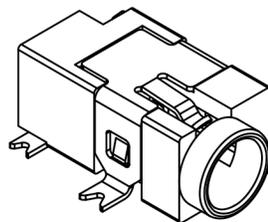


RoHS  
Compliant  
2002/95/EC

Halogen Free

REV.	ECN.	NO.	APPD.

### DIMENSIONS

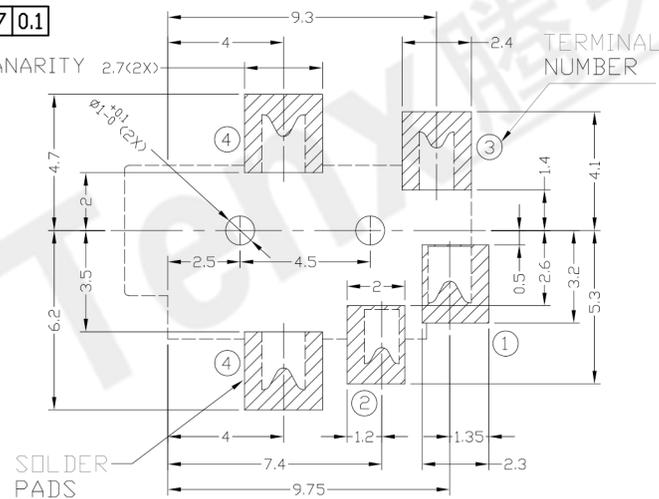
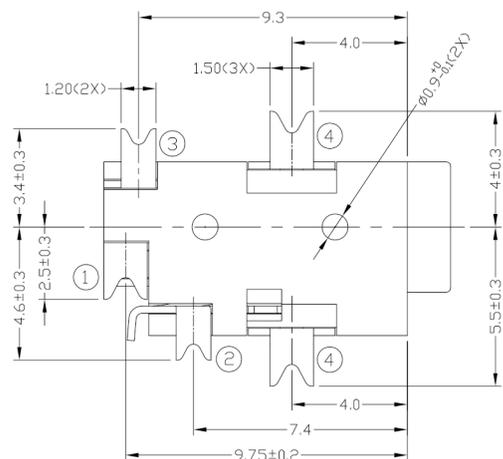


A DETAIL



COPPLANARITY 2.7(2X)

TERMINAL NUMBER



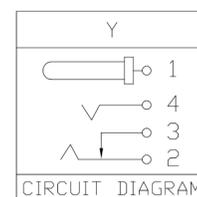
SOLDER PADS

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

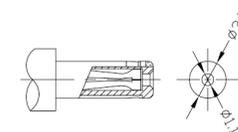
- MODEL CODE:  
DCT0-00053D- Y C 10 BK G 0 1  
(1) (2) (3)(4)(5) (6) (7)(8) (9)
- (1):Series type:SMD DC POWER JACK.
  - (2):Series No.
  - (3):Schematic option: Y
  - (4):Center pin diameter:  
C=∅1.0mm
  - (5):Material of housing:  
10=PA10T
  - (6):Housing color:  
BK=Black
  - (7):Terminal plating:  
G=Gold(Au)
  - (8):Special option:  
0=No special option
  - (9):Packing mode:  
1=Reel packing

### Specification:

- 1.Rating : 2A/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
CENTER PIN	∅1.0mm



DC MATE PLUG

### Bill of materials:

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

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

### 东莞市腾兴电子有限公司

TITLE:	SMD DC POWER JACK	PART NO.:	DCT0-00053D
DR:	Ricky 2018/10/02	DWG NO.:	AT0-00053D
CHKD:	Ricky 2018/10/02	SCALE	1:1
APPD:		SHEET	1/1
		REV.	A
		CUSTOMER DRAWING	