

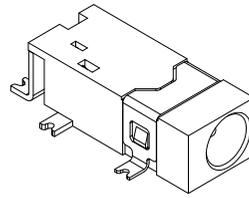


RoHS
Compliant
2002/95/EC

Halogen Free

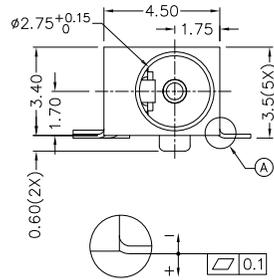
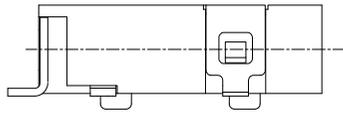
DIMENSIONS

| REV. | ECN. | NO. | APPD. |
|------|------|-----|-------|
| | | | |
| | | | |

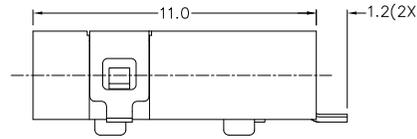


MODEL CODE:

- DCT0-109DHS- A 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:
 A=∅0.65mm
 (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

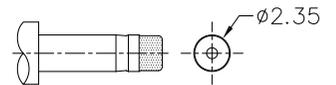
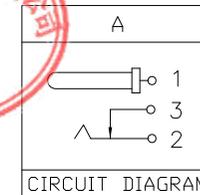
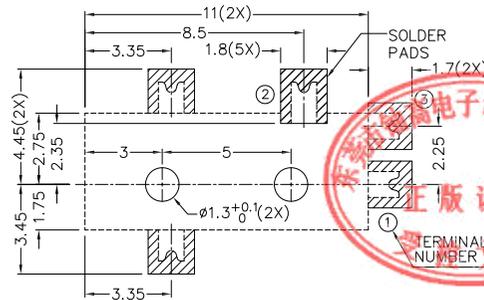
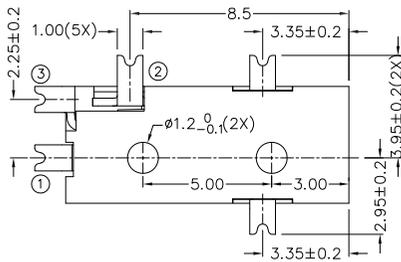


A DETAIL COPLANARITY



Specification:

- Rating : 2.5A/16V DC Max.
- Contact resistance: ≤30mΩ
After test:≤60mΩ
- Insulation resistance: ≥100MΩ (DC500V).
After test:≥50MΩ
- Withstanding voltage: 500VAC.
- Insertion and extraction force: 0.3~3Kgs.
- Life test: 5,000cycles min.
- Operation temperature range:-25℃~85℃.



DC MATE PLUG

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

| | |
|------------|---------|
| MODEL NO. | A |
| CENTER PIN | ∅0.65mm |

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 | COPPER ALLOY | 1 | NICKEL PLATED |
| 1 | HOUSING | PA10T | 1 | UL94V-0 |

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| | | | | | | | | | |
|--------------------------|----------|--------|----------|-------|----|-----------------------|-------|------|----------|
| TOLERANCE | ±0.3 | ANGLES | ±2° | UNITS | mm | 东莞市铀高电子制品有限公司 | | | |
| MAT'L | SEE NOTE | FINISH | SEE NOTE | Q'TY | | | | | |
| TITLE: SMD DC POWER JACK | | | | | | PART NO.: DCT0-109DHS | | | |
| DR: Ricky 2018/10/11 | | | | | | DWG NO.: AT0-109DHS | | | |
| CHKD: Ricky 2018/10/11 | | | | | | SCALE | SHEET | REV. | CUSTOMER |
| APPD: | | | | | | 1:1 | 1/1 | A | DRAWING |