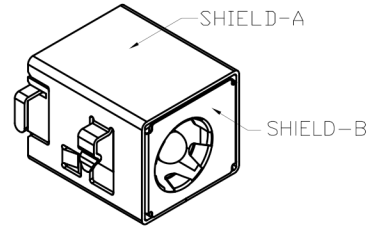
| REV. | ECN. NO. | APPD. |
|---|---|---|
| | | |
| | | |
| | | |

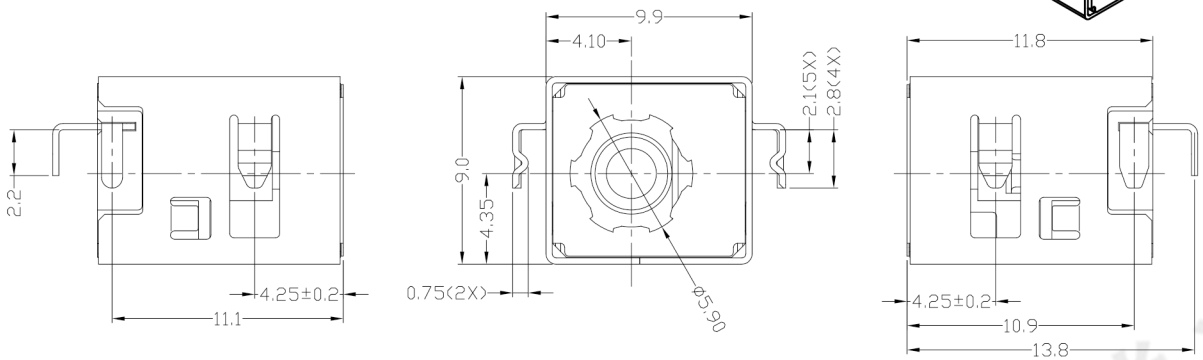
RoHS Compliant 2002/95/EC

Process Capable

Halogen Free

# DIMENSIONS



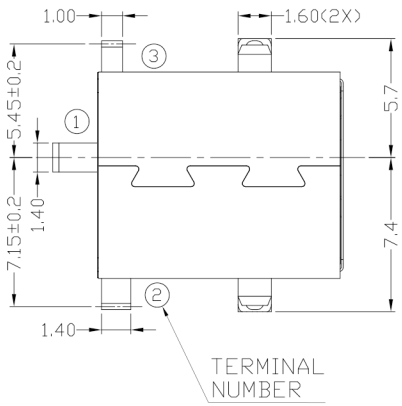



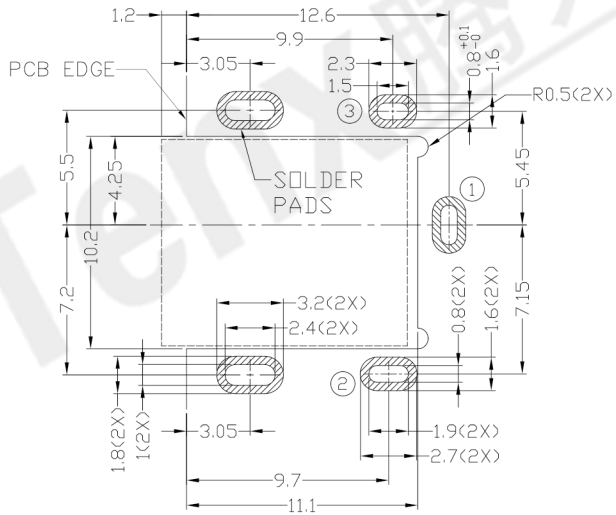

MODEL CODE:

DCT0-085DHS- 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:
H=Ø2.0mm,J=Ø2.5mm
(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

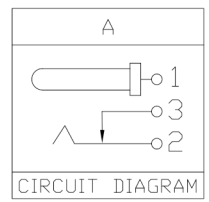


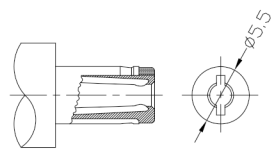

RECOMMENDED P.C.B. LAYOUT
TOLERANCE:±0.05
(TOP VIEW)

Specification:

1.Rating : 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. | H | J |
|---|---|---|
| CENTER PIN | Ø2.0mm | Ø2.5mm |




DC MATE PLUG

Bill of materials:

| NO. | PARTS | MATERIAL | Q'TY | FINISHING |
|---|---|---|---|---|
| 7 | CENTER PIN | BRASS | 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-A | BRASS | 1 | NICKEL PLATED |
| 2 | SHIELD-B | STAINLESS STEEL | 1 | |
| 1 | HOUSING | PA10T | 1 | UL94V-0 |

| TOLERANCE | ANGLES |
|---|---|
| ±0.3 | ±2° |
| | |
| | |

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UNITS mm
MAT'L SEE NOTE
FINISH SEE NOTE
Q'TY

东莞市腾兴电子有限公司

| TITLE: | PART NO.: |
|---|---|
| SMD DC POWER JACK | DCT0-085DHS |
| DR: Ricky 2018/10/08 | DWG NO.: AT0-085DHS |
| CHKD: Ricky 2018/10/08 | SCALE 1:1 / SHEET 1/1 / REV. A / CUSTOMER DRAWING |
| APPD: | |