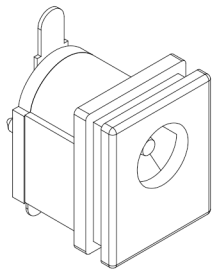
RoHS Compliant 2002/95/EC

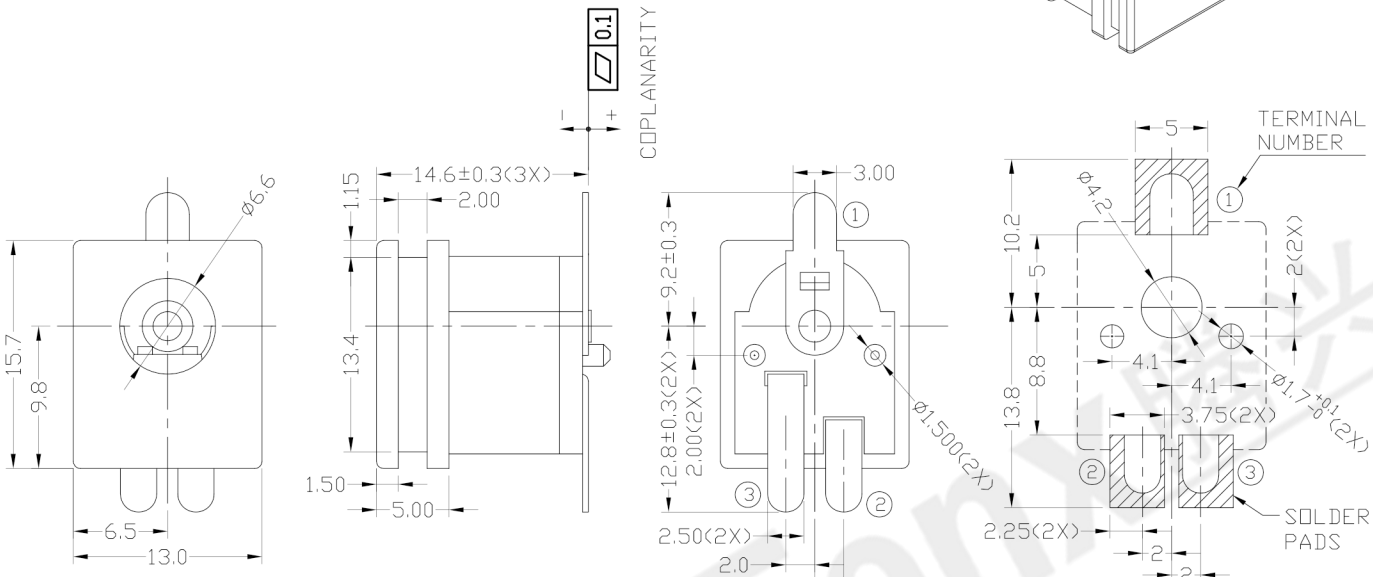
Process Capable

Halogen Free

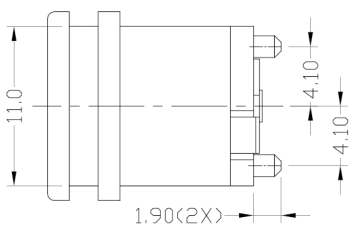
REV.	ECN. NO.	APPD.

DIMENSIONS





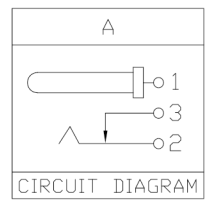
RECOMMENDED P.C.B. LAYOUT
TOLERANCE:±0.05
(TOP VIEW)



MODEL CODE:
BCT□-00025H- A □ 10 BK S 0 1
(1) (2) (3)(4)(5) (6) (7)(8) (9)

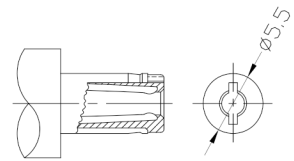
(1):Series type:SMD DC POWER JACK.
(2):Series No.
(3):Schematic option: A
(4):Center pin diameter:
H=Ø2.0mm,J=Ø2.5mm
(5):Material of housing:
10=PA10T
(6):Housing color:
BK=Black
(7):Terminal plating:
S=Silver(Ag)
(8):Special option:
0=No special option
(9):Packing mode:
1=Reel packing

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℃.



CIRCUIT DIAGRAM

MODEL NO.	H	J
CENTER PIN	Ø2.0mm	Ø2.5mm



DC MATE PLUG

Bill of materials:

NO.	PARTS	MATERIAL	Q'TY	FINISHING
6	CENTER PIN	COPPER	1	NICKEL PLATED
5	TERMINAL 1	BRASS	1	SILVER PLATED
4	TERMINAL 2	COPPER ALLOY	1	SILVER PLATED
3	TERMINAL 3	BRASS	1	SILVER PLATED
2	HOUSING	PA10T	1	UL94V-0
1	COVER	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: SMD DC POWER JACK	PART NO.: DCT0-00025H
DR: Ricky 2018/10/01	DWG NO.: AT0-00025H
CHKD: Ricky 2018/10/01	SCALE 1:1 / SHEET 1/1 / REV. A / CUSTOMER DRAWING
APPD:	