



RECOMMENDED PCB LAYOUT  
 <TOP VIEW> TOLERANCE: ±0.05

PART NO.	PIN DIA.
C	2.35 $\phi$ +0 -0.1
D	2.0 $\phi$ +0 -0.1
F	1.87 $\phi$ +0 -0.1
G	1.45 $\phi$ +0 -0.1

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	MODIFY HIGH TEMP. MARK	EVEN	02/20/04
L	CONTROL CHANGE PIN HEAD FROM FULL R TO R	Zc Chen	6/28/07
D	材料變更 - ECN NO.: 3090047	KENSON	8/18/09

- MARK "□" FOR HIGH TEMP. THERMOPLASTIC
- SPECIFICATIONS:
1. RATING: DC 12V 5A
  2. LOAD SIDE CAPACITANCE: 4 $\mu$ F MIN.
  3. INSERTION FORCE: 0.4KG-2KG
  4. WITHDRAWAL FORCE: 0.5KG-1.5KG
  5. JACKET SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
  6. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
  7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
  8. MEASURING CONDITION: FROM 5°C TO 35°C.
  9. ENVIRONMENTAL SPECIFICATIONS:
    - 9.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
    - 9.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
    - 9.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
  10. PACKING: TAPE/REEL
  11. SOLDER HEAT RESISTANCE/TIME: WAVE SOLDERING OR IR REFLOW (PEAK TEMP.: 260°C 10SECS)
  12. TO CONFORM TO THE "SE-01-001" & "ROHS DIRECTIVE"
  13. GREEN PRODUCT IDENTIFICATION MARK IN JACK
  14. GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: **G.P. PASS**
  15. FOR LEAD-FREE PROCESS.
  16. PRINTED DATE CODE: **YMMDD** " ON TOP OF CONNECTOR.



F	PIN	1	BRASS	SILVER PLATING
E	TERMINAL	1	COOPER ALLOY/0.5T	SILVER PLATING
D	SHUNT TERMINAL	1	COOPER ALLOY/0.5T	SILVER PLATING
C	TIP SPRING	1	COOPER ALLOY/0.3T	SILVER PLATING
B	COILER	1	H-TEMP THERMOPLASTIC W/ 30% GF-UL94V-0	BLACK COLOR
A	BODY	1	H-TEMP THERMOPLASTIC W/ 30% GF-UL94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2°

XX : ±0.3 X.X : ±1°

X.XX : ±0.2

TITEL: DC POWER JACK

DWG: KENSON 8/18/09 PART NO. 2DC-0305-X06

CHKD: HARVEY 8/18/09 SCALE: N/A UNIT: mm

APVD: ROBIN 8/18/09 SIZE: A3 SHEET: 10F1 REV. D

CUSTOMER COPY

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