



DATE CODE
 YY: Year (06)
 MM: Month (01~12)
 DD: Day (01~31)

- SPECIFICATIONS:
1. RATING: DC 20V 9A
 2. INSERTION FORCE: 0.2KG-2KG
 3. WITHDRAWAL FORCE: 0.2KG-2.0KG
 4. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTAGE.
 5. JACK SHALL WITHSTAND 250 VOLTAGE BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 6. CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ.
 7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 100mΩ MEASURING CONDITION:
 8. TEMPERATURE: FROM 5°C TO 35°C.
 9. RELATIVE HUMIDITY: FROM 40% TO 85%
 10. ENVIRONMENTAL SPECIFICATIONS:
 11. 8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ±2°C FOR 96 HOURS.
 12. 8.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
 13. 8.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
 14. 9. PACKAGING: TAPE & REEL
 15. 10. TO CONFORM TO THE SINGATRON HSF SPECIFICATION.
 16. 11. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
 17. 12. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 18. 13. FOR LEAD-FREE PROCESS.

PC BOARD LAYOUT
 TOP VIEW (TOLERANCE: ±0.05)

| | | | | |
|----|----------------|-----|-----------------------------------|----------------------|
| G | SHELL | 1 | COOPER ALLOY 0.3t | Ni: 60u"MIN. |
| F | PIN | 1 | COOPER ALLOY | Ni60u"MIN. Cu80u"MIN |
| E | TERMINAL | 1 | COOPER ALLOY 0.5t | Ag20u"MIN. Ni20u"MIN |
| D | SHUNT TERMINAL | 1 | COOPER ALLOY 0.5t | Ag20u"MIN. Ni20u"MIN |
| C | TIP SPRING | 1 | COOPER ALLOY 0.3t | Ag20u"MIN. Ni20u"MIN |
| B | COVER | 1 | HIGH TEMP. THERMOPLASTIC U994H-0 | BLACK COLOR |
| A | BODY | 1 | HIGHT TEMP. THERMOPLASTIC U994H-0 | BLACK COLOR |
| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |

UNLESS OTHERWISE SPECIFIED TOLERANCES



DECIMALS: ANGLES:

X : ±0.5 X : ±2°
 X.X : ±0.3 X.X : ±1°
 X.XX : ±0.2

TITLE DC POWER JACK

| | | | |
|------|---------------|-----------|--------------|
| DWN | 張善華 006.23 | PART NO. | 2DC-S315-C12 |
| CHKD | Winkon 006.23 | SCALE 3:1 | UNIT: mm |
| APVD | Winkon 006.23 | SIZE: A3 | SHEET: 10F1 |
| | | | REV: A |

CUSTOMER COPY

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|-----------------------------|---------|------------|
| REV. ECN NO. OR DESCRIPTION | REVISED | DATE |
| A PRODUCT RELEASE | BILL | 2010.06.17 |