



- SPECIFICATIONS:**
1. RATING: DC 20V 4A
  2. INSERTION FORCE: 0.4KG-3.0KG
  3. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
  4. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
  5. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
  6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
  7. MEASURING CONDITION: FROM 5°C TO 35°C.
  8. ENVIRONMENTAL SPECIFICATIONS:
    - 8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
    - 8.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
    - 8.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
  9. SOLDERABILITY TEST: THE TERMINATION IS AT LEAST 95% COVERED BY A CONTINUOUS NEW SOLDER COATING.
  - TEST CONDITION: DIP IN MOLTEN SOLDER FOR 5 Sec. AT 265±5°C (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
  10. PACKING: TAPE & REEL.
  11. SOLDERING CONDITION: WAVE SOLDERING / IR REFLOW.
  12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  13. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
  14. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  15. FOR LEAD FREE PROCESS.
  16. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	GROUNDING SPRING	1	STAINLESS 0.1t	N/A
F	SHIELDING	1	BRASS STRIP 0.2t	Ni 60u" Min
E	PIN	1	BRASS BAR	Ag 20u" Min OVER Ni 20u" Min
D	TERMINAL	1	STAINLESS 0.3t	N/A
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 20u" Min OVER Ni 20u" Min
B	TIP SPRING	1	YCU1M-H 0.3t	Ag 20u" Min OVER Ni 20u" Min
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	YELLOW COLOR(123C)

UNLESS OTHERWISE SPECIFIED TOLERANCES:

DECIMALS:	ANGLES:
X : ±0.5	X : ±1°
X.X : ±0.3	X.X : ±1'
X.XX : ±0.2	

TITLE	DC POWER JACK
DWN	Sammy 2009.07.31
CHKD	BPC 2009.07.31
APVD	QWW 2009.07.31

Singatron Enterprise Co., Ltd.  
信音企業股份有限公司

PART NO. 2DC-G756-Q71

SCALE: 4/1

UNIT: mm

SIZE: A3

SHEET: 1 OF 1

REV: A

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REV/ECN NO OR DESCRIPTION	REVISED	DATE
A PDR NO.T090702-2A	Sammy	2009.07.31