



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T070807-2B		ZP-CHEN	2007.08.28
B	ECN NO: S071218		BOYE	2008.02.21
C	ECN NO.: S090730		Soldier	2009.10.29

- SPECIFICATIONS:**
1. RATING: DC 20V 4A
  2. INSERTION FORCE: 3.0KG MAX
  3. WITHDRAWAL FORCE: 1.0KG-3.0KG
  4. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
  5. JACK 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: TEMPERATURE: FROM 5°C TO 35°C. RELATIVE HUMIDITY: FROM 40% TO 85%.
  9. 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.
  10. 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 245±5°C (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
  11. PACKAGING: TAPE & REEL.
  12. SOLDERING CONDITION: WAVE SOLDERING / IR REFLOW.
  13. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
  14. GREEN PRODUCT IDENTIFICATION MARK ON JACK:
  15. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  16. FOR LEAD FREE PROCESS.
  17. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.

G	GROUNDING SPRING	1	STAINLESS STEEL, T=0.10	N/A
F	SHIELDING	1	BRASS STRIP, T=0.20	Ni 1.5um MIN.
E	PIN	1	BRASS BAR	Ag 0.5um MIN.
D	TERMINAL	1	STAINLESS, T=0.30	N/A
C	SHUNT TERMINAL	1	BRASS STRIP, T=0.30	Ag 0.5um MIN.
B	TIP SPRING	1	COPPER ALLOY 0.3t	Ag 0.5um MIN.
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	YELLOW (PAVITONE NO.123C)
NO DESCRIPTION		QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singatron Enterprise Co., Ltd. 信登企業股份有限公司				
TITLE DC POWER JACK				
DMN	Soldier	PART NO. 2DC-G756-124		
CHKD	Lussen	SCALE: 3/1	UNIT: mm	
APVD	Max	SIZE: A3	SHEET: 1 OF 1	REV: C

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