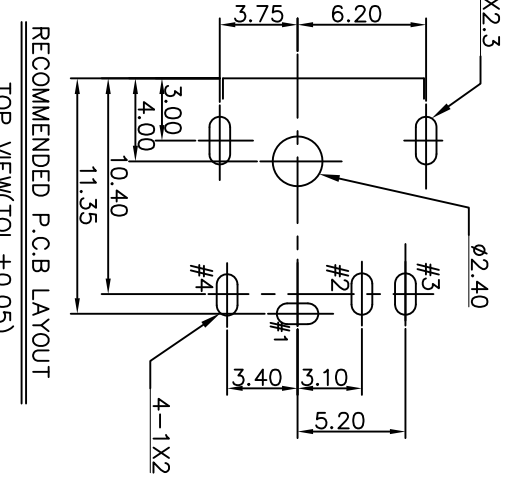


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR No.	T090317-2A	Swina	2009.04.16
B	ECN No.	S100513	Soldier	2010.06.01

- SPECIFICATIONS:**
- RATING: DC 20V 7A
  - INSERTION FORCE: 0.4KG-3.0KG
  - WITHDRAWAL FORCE: 0.4KG-3.0KG
  - INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
  - JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
  - CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ.
  - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 100mΩ
  - MEASURING CONDITION:
  - TEMPERATURE: FROM 5°C TO 35°C.
  - RELATIVE HUMIDITY: FROM 40% TO 85%
  - ENVIRONMENTAL SPECIFICATIONS:
  - HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
  - HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
  - COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
  - 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)
  - PACKAGING: TAPE & REEL
  - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
  - HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
  - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
  - PRINTED DATE CODE "WMMDD" ON TOP OF CONNECTOR.
  - DATE CODE: **WMMDD**



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	GROUNDING SPRING	1	STAINLESS 0.1t	N/A
G	SHIELDING	1	BRASS STRIP 0.3t	Ni 60u" Min.
F	PIN	1	BRASS BAR	GOLD FLASH Over Ni50u" Min
E	TERMINAL	1	BRASS STRIP 0.3t	Ag 20u" Over Ni20u" Min
D	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 20u" Over Ni20u" Min
C	TIP SPRING B	1	COPPER ALLOY 0.25t	Ag 20u" Over Ni20u" Min
B	TIP SPRING A	1	COPPER ALLOY 0.3t	Ag 20u" Over Ni20u" Min
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK

DECIMALS:	ANGLES:	TITLE	DC POWER JACK
X :±0.5	X :±2	DWN	Soldier
X.X :±0.3	X.X :±1	CHKD	Lussen
X.XX :±0.2		APVD	Max

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