



PART NO.	PIN DIA.
B	2.5 <sup>+0.1</sup>
D	2.0 <sup>+0.1</sup>
C	2.35 <sup>+0.1</sup>
I	1.65 <sup>+0.1</sup>

- SPECIFICATIONS:**
1. RATING: DC 20V 4A
  2. INSERTION FORCE: 0.4KG-3.0KG
  3. WITHDRAWAL FORCE: 0.4KG-3.0KG
  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:
    - TEMPERATURE: FROM 5°C TO 35°C.
    - RELATIVE HUMIDITY: FROM 40% TO 85%
  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.
  10. PACKAGING: TAPE & REEL.
  11. SOLDERING CONDITION: WAVE SOLDERING / IR REFLOW.
  12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
  13. GREEN PRODUCT IDENTIFICATION MARK ON JACK:
  14. GREEN 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
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	YELLOW COLOR(123C)
B	TIP SPRING	1	YCUTM-H 0.3T	Ag 20u" Over Ni20u"
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	N/A
D	TERMINAL	1	STAINLESS 0.3t	N/A
E	PIN	1	BRASS BAR	Ag 20u" Min
F	SHIELDING	1	BRASS STRIP 0.2t	Ni 60u" Min
G	GROUNDING SPRING	1	STAINLESS 0.1t	N/A

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

UNLESS OTHERWISE SPECIFIED TOLERANCES		REV. / ECN NO. OR DESCRIPTION		REVISED		DATE	
TITLE: DC POWER JACK		E		ECN NO. S061102		Jacky	
DWG:  2006.04.20		F		ECN NO. S070616		Quan-Zhou	
CHKD:  2006.05.31		G		ECN NO. S080605		Swina	
APVD:  2006.05.31		H		ECN NO. S090318		Sanning	
SCALE: 1:1		A		SHEET: 1 OF 1		REV: H	