



RECOMMENDED P.C.B LAYOUT
TOP VIEW (TOLERANCE ±0.05)

REV	ECN NO OR DESCRIPTION	REVISED	DATE
C	ECN NO. 940136	DA	2005.19
D	ECN NO. 1060154	POCA	2006.26
E	ECN NO. S121236	Danfeng	2012.18

- SPECIFICATIONS:
- 1.RATING: DC 20V 4A
 - 2.LOAD SIDE CAPACITANCE: $4.7\mu F \times 4$ MIN.
 - 3.INSERTION FORCE: $0.4KGf-3.0KGf$
WITHDRAWAL FORCE: $0.4KGf-3.0KGf$
 - 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 $30m\Omega$
 - 7.JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE SHALL NOT EXCEED $100m\Omega$
 - 8.MEASURING CONDITION:
TEMPERATURE: FROM $5^{\circ}C$ TO $35^{\circ}C$.
RELATIVE HUMIDITY: FROM 40% TO 85%
 - 9.ENVIRONMENTAL SPECIFICATIONS:
9.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE $40^{\circ}C \pm 2^{\circ}C$ FOR 96 HOURS.
9.2 HEAT TEST: TEMPERATURE $70^{\circ}C \pm 2^{\circ}C$ (HUMIDITY BELOW 50%) FOR 96 HOURS.
9.3 COLD TEST: TEMPERATURE $-40^{\circ}C \pm 2^{\circ}C$ 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 $245 \pm 5^{\circ}C$ (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
 - 11.PACKING: TAPING PACKED.
 - 12.SOLDERING CONDITION: WAVE SOLDERING.
 - 13.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
 - 14.GREEN PRODUCT IDENTIFICATION MARK IN JACK: **G.P. PASS**
 - 15.GREEN PRODUCT IDENTIFICATION LABEL IN PACKING:

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHIELDING	1	BRASS STRIP 0.3t	NICKEL PLATING
E	PIN	1	BRASS BAR	NICKEL PLATING
D	TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
B	TIP SPRING	1	COPPER ALLOY 0.3t	SILVER PLATING
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-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				
DMW	Danfeng	PART NO.	2DC-S026-112	
CHKD	TOM	SCALE: 3/1	UNIT: mm	REV: E
APVD	QUAN	SIZE: A3	SHEET: 1 OF 1	

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