



ZDC-0006 100

PART NO.	PIN DIA.
B	2.50 ⁺⁰ _{-0.1}
D	2.00 ⁺⁰ _{-0.1}

- SPECIFICATIONS:**
1. RATING: DC 24V 2A
 2. INSERTION FORCE: 0.4KG-3.0KG
WITHDRAWAL FORCE: 0.4KG-3.0KG
 3. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MΩ BY 500 VOLTS MEGGER.
 4. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 5. CONTACT RESISTANCE SHALL NOT EXCEED 30 mΩ.
 6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 100 mΩ.
 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.
TEST CONDITION: DIP IN MOLTEN SOLDER FOR 5 Sec. AT 245±5°C (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
 10. UNLESS OTHERWISE SPECIFIED TOLERANCE: ±0.2

LTR	PART NAME	QTY	MATERIAL & SPEC
5	PIN	1	BRASS BAR NICKEL PLATING
4	TERMINAL	1	BRASS STRIP 0.3t SILVER PLATING
3	SHUNT TERMINAL	1	BRASS STRIP 0.3t SILVER PLATING
2	TIP SPRING	1	COPPER ALLOY 0.3t SILVER PLATING
1	BODY	1	PBT UL 94V-0 BLACK COLOR

 Singatron Enterprise Co., Ltd. 信音企業股份有限公司			
D.C. POWER JACK			
TITLE			
DWN	UNIT: MM	CAD NO.	DC-006
CHKD	SCALE: 3/1	DWG NO.	ZDC-0006 100
APPVD	SIZE: B4		