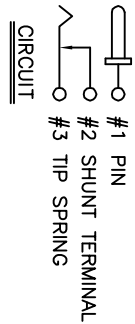


Recommended PCB Layout
 <TOP VIEW> TOLERANCE: ±0.05

ORDERING CODE:

2DC-0006-01



PART NO.	PIN DIA
B	±0.1 2.5 ϕ
D	±0.1 2.0 ϕ

- SPECIFICATIONS:
1. RATING: DC 24V 4A
 2. INSERTION FORCE: 0.4KG-3.0KG
 3. WITHDRAWAL FORCE: 0.4KG-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: FROM 5°C TO 35°C.
 9. RELATIVE HUMIDITY: FROM 40% TO 85%
 10. ENVIRONMENTAL SPECIFICATIONS: 8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
 11. 8.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
 12. 8.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
 13. 9. SOLDERABILITY TEST: THE TERMINATION IS AT LEAST 95% COVERED BY A CONTINUOUS NEW SOLDER COATING.
 14. TEST CONDITION: DIP IN MOLTEN SOLDER FOR 5 Sec. AT 245±5°C (TERMINATION SHALL BE IMMERSSED IN FLUX BEFORE TEST)
 15. 10. SOLDER HEAT RESISTANCE: 260°C 10 SECS.
 16. 11. TO CONFORM TO THE "SE-01-001" & "ROHS DIRECTIVE"
 17. 12. GREEN PRODUCT IDENTIFICATION MARK IN JACK:
 18. 13. GREEN PRODUCT IDENTIFICATION LABEL IN PACKING:
 19. 14. FOR LEAD-FREE PROCESS.
 20. 15. PRINTED DATE CODE "WMMMD" ON TOP OF CONNECTOR.

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
G	修改 RATING	EVEN	12/3-'03
H	ECN NO.: 920008	EVEN	2005.3.30
I	ECN NO. T060242	JERRY	2005.10.14
J	ECN NO.S160817-C	YUREN	2016.10.14
K	ECN NO.S181008-R	Xuehua	2018.10.15

1. PIN
2. TERMINAL
3. SHUNT TERMINAL
4. TIP SPRING
5. BODY
6. UNLESS OTHERWISE SPECIFIED TOLERANCES
7. DECIMALS: ±0.5
8. ANGLES: X: ±2°
9. X.X: ±0.3
10. X.XX: ±0.2
11. TITLE: DC POWER JACK
12. DWN: Xuehua
13. CHKD: SCALE: 3/1
14. APVD: SIZE: A3
15. PART NO. 2DC-0006-01
16. UNIT: MM
17. SHEET: 1 OF 1
18. REV: K

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
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				
Singatron Enterprise Co., Ltd. 信登企業股份有限公司				
TITLE: DC POWER JACK				
DWN: Xuehua				
CHKD: SCALE: 3/1				
APVD: SIZE: A3				
PART NO. 2DC-0006-01				
UNIT: MM				
SHEET: 1 OF 1				
REV: K				

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