

Recommended PCB Layout
<TOP VIEW> TOLERANCE: ±0.05

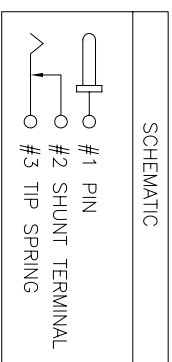
ORDERING CODE:

2DC-0006-□18

PART NO.	PIN DIA
B	φ2.5 ^{+0.1}
D	φ2.0 ^{+0.1}
C	φ2.35 ^{+0.1}

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T090202-1A		BOYE	2009.03.10
B	ECN NO: S120231		SEAN	2012.05.09

- SPECIFICATIONS:**
1. RATING: DC 24V 4A
 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 MEGOHMS BY 500 VOLTS MEGGER.
 4. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 5. CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ.
 6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 100mΩ.
 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. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
 10. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 11. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
 12. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 13. PRINTED DATE CODE "WMMD" ON TOP OF CONNECTOR.



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
B	TIP SPRING	1	COPPER ALLOY 0.3t	Ag 20μ Min.
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 20μ Min.
D	TERMINAL	1	BRASS STRIP 0.3t	Ag 20μ Min.
E	PIN	1	BRASS BAR	Ni 60μ Min.

UNLESS OTHERWISE SPECIFIED TOLERANCES

TITLE	DC POWER JACK
DWN	SEAN
CHKD	TOM
APVD	TONY

PART NO. 2DC-0006-□18

SCALE: 4:1

UNIT: MM

SHEET: 1 OF 1

REV: B

CUSTOMER COPY

Singatron Enterprise Co., Ltd.
信營企業股份有限公司