



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
H	ECN NO: 930181	EVEN	2004.12.10
I	ECN NO: S060806	BOYE QI	2006.08.18
J	ECN NO: S080302	Quan-Zhou	2008.03.10
K	ECN NO: S091108	Soldier	2009.11.23

- DATE CODE: **MMYY** ON TOP OF CONNECTOR.
- DD: DAY
MM: MONTH
YY: YEAR
- DATE CODE: **MMYY** ON TOP OF CONNECTOR.
- G.P. PASS**
1. RATING: 20VDC 5A
 2. LOAD SIDE CAPACITANCE: 10μF MIN.
 3. INSERTION FORCE: 0.2KG-3KG
 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 20 mΩ.
 7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 30 mΩ.
 8. MEASURING CONDITION:
 TEMPERATURE: FROM 5°C TO 35°C.
 RELATIVE HUMIDITY: FROM 40% TO 85%.
 9. ENVIRONMENTAL SPECIFICATIONS:
 9.1. HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ±2°C FOR 96 HOURS.
 9.2. HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
 9.3. COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
 10. PACKING: TAPE & REEL
 11. SOLDER HEAT RESISTANCE: 260°C 10 SECS.
 12. TO CONFORM TO THE SINGATRON HSF SPECIFICATION.
 13. GREEN PRODUCT IDENTIFICATION MARK ON JACK: .
 14. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
 15. FOR LEAD-FREE PROCESS.
 16. PRINTED DATE CODE "MMYY" ON TOP OF CONNECTOR.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	PIN	1	BRASS BAR	Ni 120u" Min
D	SHIELDING	1	SPCC-SD 0.4t	Sn 60u" Min
C	TERMINAL	1	BRASS 0.5t	Ag 20u" Min
B	TIP	1	COPPER ALLOY 0.3t	Ag 20u" Min
A	BODY	1	HIGH TEMP THERMOPLASTIC UL 94V-0	GRAY COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

RECOMMENDED PCB LAYOUT

TOP VIEW

PCB EDGE

TITLE	DC POWER JACK
DWM	Soldier
CHKD	Lussen
APVD	Max

DECIMALS: ANGLES:

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

文#線: 00-06-043-A

Singatron Enterprise Co., Ltd.
 信登企業股份有限公司

PART NO. **2DC-S2171300**

SCALE: 3/1 UNIT: mm

SIZE: A3 SHEET: 1 OF 1 REV: K

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