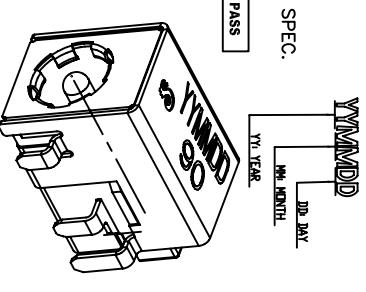


**SPECIFICATIONS:**

1. RATING: DC 20V 5.5A
2. INSERTION FORCE: 0.4KG-3KG
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 0.03 OHMS.
6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
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. PACKAGING: TAPE & REEL
10. PRINTED DATE CODE: "YYMMDD" ON TOP OF CONNECTOR.
11. SOLDER HEAT RESISTANCE: 260°C 10 SECS.
12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
13. GREEN PRODUCT IDENTIFICATION MARK ON JACK:
14. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
15. FOR REFLOW SOLDERING LEAD FREE PROCESS.

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Amy	2006.03.10
B	ECN NO: S080515	Swing	2008.05.23
C	ECN NO: S090203	LIU	2009.04.08



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	SHUNT TERMINAL	1	BRASS T=0.3mm	GOLD FLASH OVER NI 60u"Min
F	GROUND	1	STAINLESS T=0.15mm	N/A
E	SHELL	1	BRASS T=0.3mm	Sn 60u" OVER NI 60u"Min
D	TERMINAL	1	STAINLESS T=0.3mm	N/A
C	PIN	1	BRASS BAR 1.65Ø	GOLD FLASH OVER NI 60u"Min
B	TIP	1	COPPER ALLOY T=0.3mm	GOLD FLASH OVER NI 60u"Min
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL94V-0	BLACK

Singatron Enterprise Co., Ltd.  
信音企業股份有限公司

TITLE	DC POWER JACK ( 90W )
DWG	LIU
CHKD	Boye
APVD	Mox
PART NO.	2DC-6052-102
SCALE:	3:1
UNIT:	mm
SIZE:	A3
SHEET:	1 OF 1
REV:	C