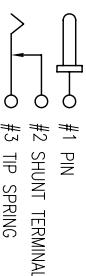


MATING PLUG(REF ONLY)
SUITABLE PLUG: EIA RC-5320A TYPE A, CLASS 3

ELECTRICAL SCHEMATIC



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
D	ADD D/C AND UPDATE DWG.		ZK.CHEN	01/19/07
E	CORRECT DRAWING, ECN NO. C080169		TANGHUI	2008.09.16

- NOTES:
1. RATING: 20V DC, 4A.
 2. LOAD SIDE CAPACITANCE: 4.7uF*4PIN.
 3. MATING FORCE: 0.4Kg~3.0Kg.
 4. UN-MATING FORCE: 0.4Kg~3.0Kg.
 5. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINAL SHALL NOT BE LESS THAN 100 MEGOHMS BY 500V DC.
 6. JACK SHALL WITHSTANDING 250V BETWEEN ANY ADJACENT TERMINAL FOR 1 MINUTE.
 7. CONTACT RESISTANCE SHALL NOT EXCEED 30 mΩ. (INITIAL)
 8. DURABILITY 5000 CYCLES.
 9. MESURING CONDITION:

- TEMPERATURE: 5°~35°;
RELATIVE HUMIDITY: 40%~85%
9. ENVIRONMENTAL SPECIFICATIONS:
9.1 HUMIDITY TEST: HUMIDITY 90%~95%, TEMPERATURE 40°±2° FOR 96 HOURS.
9.2 HEAT TEST: TEMPERATURE 70°±2° (HUMIDITY BELOW 50%) FOR 96 HOURS.
9.3 COLD TEST: TEMPERATURE -40°±2° FOR 96 HOURS.
10. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
11. GREEN PRODUCT IDENTIFICATION MARK ON PRODUCT: **G.P. PASS**
12. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
13. FOR 260°C 10SEC. WAVE SOLDERING LEAD-FREE PROCESS.
14. DATE CODE DESCRIPTION: **YYMMDD**



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	PIN	1	COPPER ALLOY	Ni 60u"~180u", Cu 80u" MIN.
D	TERMINAL	1	COPPER ALLOY 0.3T	Ag 20u" MIN., Ni 50u"~180u"
C	SHUNT TERMINAL	1	COPPER ALLOY 0.3T	Ag 20u" MIN., Ni 50u"~180u"
B	TIP SPRING	1	COPPER ALLOY 0.3T	Ag 20u" MIN., Ni 50u"~180u"
A	BODY	1	HI-TEMP. THERMAL PLASTIC(U94V-0)	COLOR BLACK
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS: ANGLES:				
X	±0.5	X	±2°	
X.X	±0.3	X.X	±1°	
X.XX	±0.2			
TITLE				
DC POWER JACK				
DWG. TANGHUI 2008.09.16				
PART NO. 2DC-00261200				
CHKD. SCALE 3:1 UNIT: mm				
APVD. SIZE: A3 SHEET: 10F1 REV: E				
SHEET 2008.09.16				
CUSTOMER COPY				

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