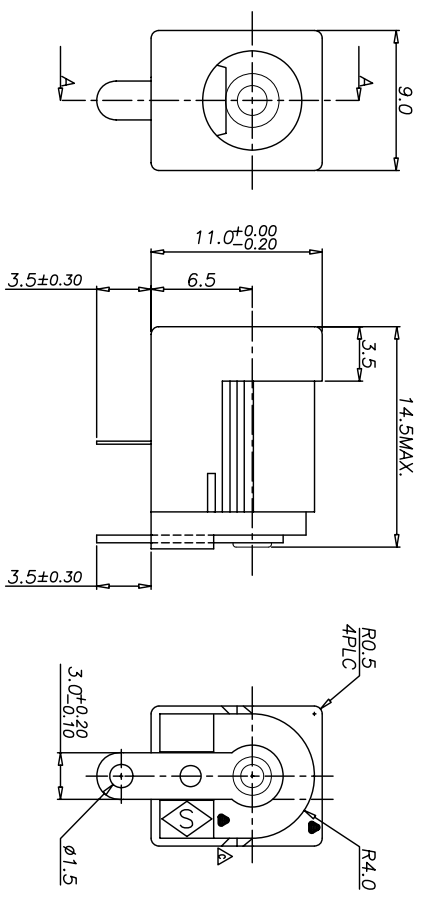
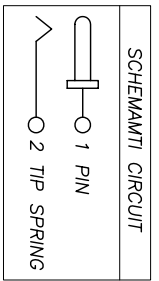


RECOMMENDED PCB LAYOUT
(TOL. ±0.05)(TOP BIEW)



SECTION A-A

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ZK CHEN	09/29/06
B	CHANGE MATING&UNMATING FORCE SPEC	TANG HUI	12/18/07
C	ECN NO.C070263		
	ECN NO.C080189	HAHUA	12/27/08
	產 ECR C080189 經 承認 與 實物 相符		

- SPECIFICATIONS:
- 1.RATING: DC 20V 4A
 - 2.INSERTION FORCE: 0.2KG-2.5KG
 - 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: FROM 5°C TO 35°C.
 - 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. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPECIFICATION.
 - 10.GREEN PRODUCT IDENTIFICATION MARK IN JACK: **G.P. PASS**
 - 11.GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: **G.P. PASS**
 12. FOR LEAD-FREE PRODUCT.

E	PIN	1	BRASS	NICKEL PLATING
D	TERMINAL	1	COPPER ALLOY 0.5t	SILVER PLATING
C	TIP SPRING	1	COPPER ALLOY 0.25t	SILVER PLATING
B	COVER	1	THERMOPLASTIC UL94V-0	COLOR BLACK
A	BODY	1	THERMOPLASTIC UL94V-0	COLOR BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS:	ANGLES:	TITLE	DC POWER JACK
X ±0.5	X ±1°	DWN HAHUA	PART NO. 2DC-0005-D10
X.X ±0.3	X.X ±1'	CHKD	SCALE 3:1 UNIT: mm
X.XX ±0.2		APVD Robin	SIZE: A4 SHEET: 10F1 REV: C

CUSTOMER COPY