

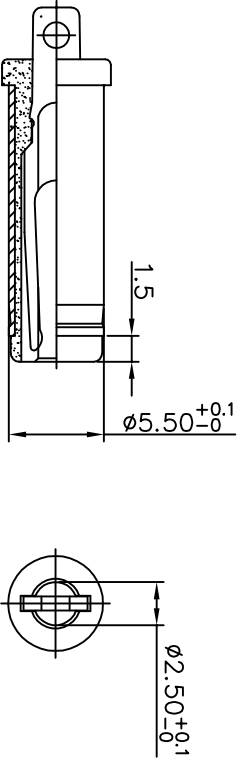
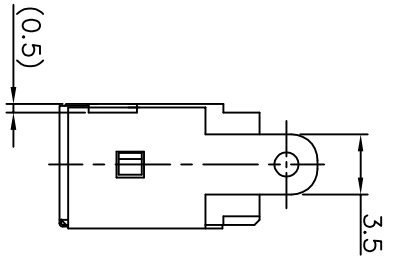
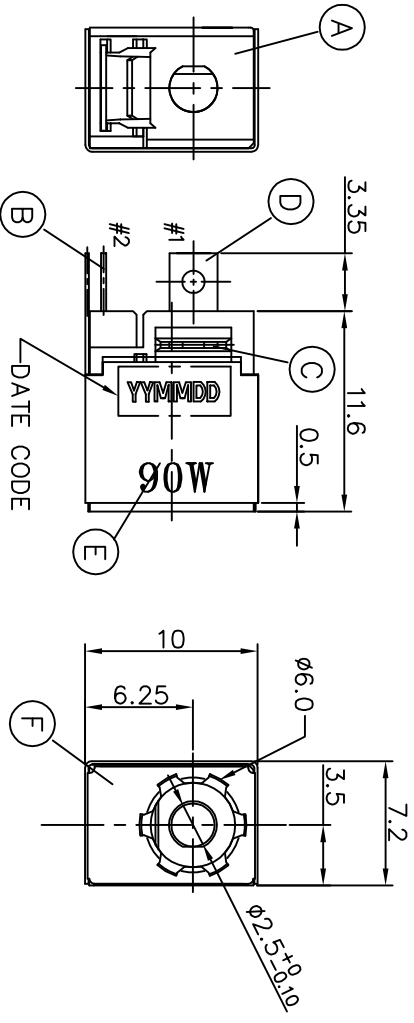
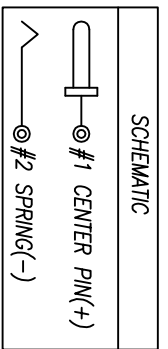


REV	EGN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO.	T090318-1A	Sky	2009.04.09

**SPECIFICATIONS:**

- RATING: DC 20V 7A
- INSERTION FORCE: 3.5 Kg Max
- WITHDRAWAL FORCE: 0.5Kg-3.5Kg
- INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS.
- JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ
- JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 60mΩ
- MEASURING CONDITION:  
TEMPERATURE: FROM 5°C TO 35°C  
RELATIVE HUMIDITY: FROM 40% TO 85%
- 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.
- SOLDERABILITY TEST: THE TERMINATION IS AT LEAST 95% COVERED BY A CONTINUOUS NEW SOLDER COATING.  
TEST CONDITION: DIP IN MOLTEN SOLDER FOR 5 Sec. AT 245±5°C (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
- FOR HAND SOLDERING LEAD-FREE PROCESS.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: 
- HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKING: 
- PRINTED DATE CODE "YYMMDD ON TOP OF CONNECTOR."



MATING PLUG  $\phi 5.50$

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	GROUND	1	STAINLESS 0.1T	N/A
E	SHIELDING	1	BRASS STRIP 0.2T	Ni 60u" Min
D	PIN	1	BRASS BAR	Gold Flash Over Ni50u" Min
C	TERMINAL	1	STAINLESS 0.3T	N/A
B	TIP SPRING	1	COPPER ALLOY 0.3T	Ag 20u" Min Over Ni50u" Min
A	BODY	1	THERMOPLASTIC UL94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

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

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

TITLE: DC POWER JACK

DWN: S92000410 PART NO. 2DC-G756-B66

CHKD: B96 SCALE: 4:1 UNIT: mm

APVD: W SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY

