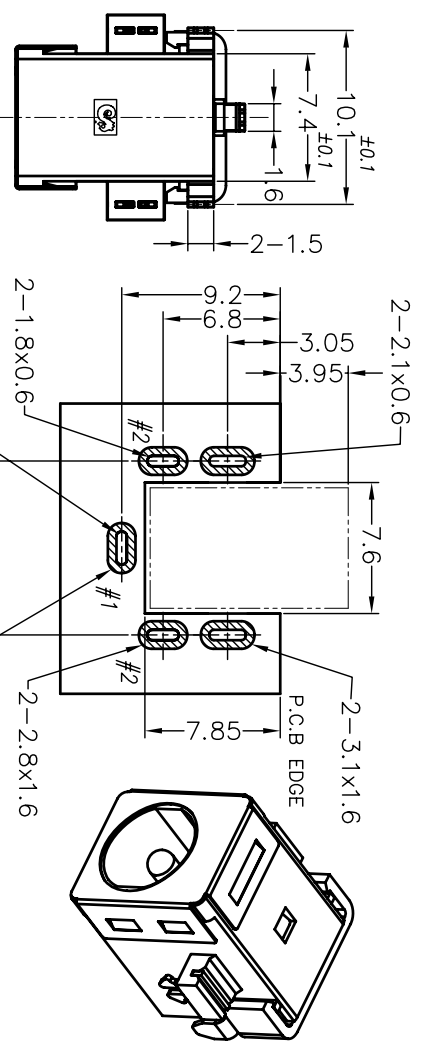
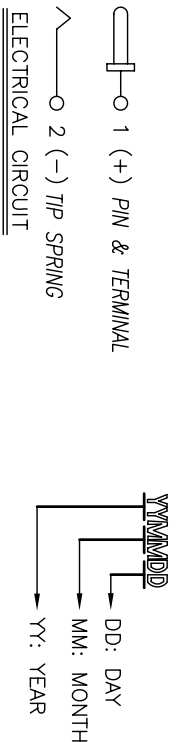
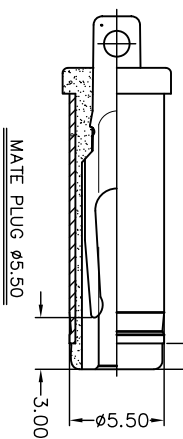
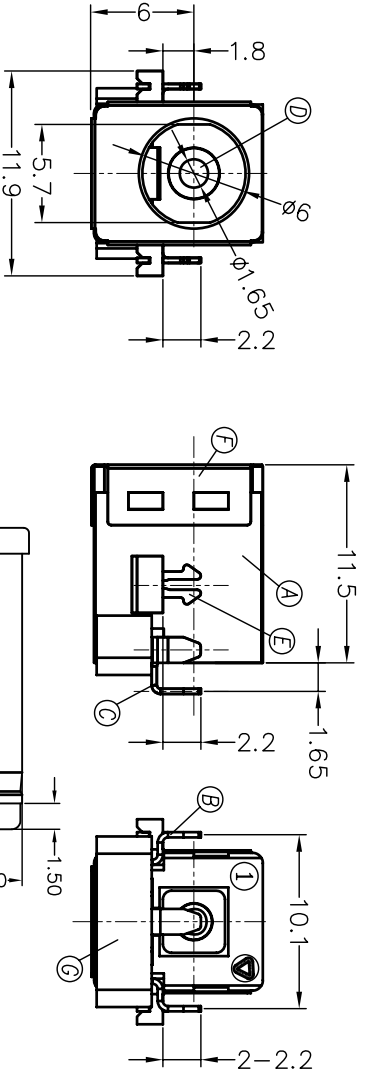


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	ECN NO.: T070109		HONG	2007.04.19



RECOMMENDED P.C.B LAYOUT  
TOP VIEW (Tolerance:±0.05)

- SPECIFICATIONS:
- RATING: DC 20V 7A
  - INSERTION FORCE: 1.0KG-3.0KG
  - INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
  - JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE
  - CONTACT RESISTANCE SHALL NOT EXCEED 15mΩ
  - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 15mΩ
  - 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 IMMERSERD IN FLUX BEFORE TEST)
  - SOLDERING CONDITION: WAVE SOLDERING / IR REFLOW.
  - 11 TO CONFORM TO THE "SE-01-001" & "ROHS DIRECTIVE"
  12. GREEN PRODUCT IDENTIFICATION MARK IN JACK: [G.P. PASS]
  13. GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: [G.P. PASS]
  14. FOR LEAD FREE PROCESS.
  15. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.
  16. P.C.B. THICKNESS: 1.2±0.1mm



G	COVER	1	HIGH TEMP THERMOPLASTIC UL 94V-0	BLACK
F	GROUND	1	SUS 0.1T	N/A
E	HOOK	2	SPCC 0.3T	TIN PLATING
D	PIN	1	BRASS BAR	NICKEL PLATING
C	TERMINAL	1	STAINLESS 0.3t	SILVER PLATING
B	TIP SPRING	1	COPPER ALLOY 0.3t	SILVER PLATING
A	BODY	1	HIGH TEMP THERMOPLASTIC UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

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

TITLE	DC POWER JACK
DWN	HONG 2007.4.19
CHKD	PQA 2007.4.19
APVD	LMO 2007.4.19

PART NO. 2DC1002-001111  
SCALE: 3/1  
UNIT: mm  
SIZE: A3  
SHEET: 1 OF 1  
REV: A

CUSTOMER COPY

Singtron Enterprise Co., Ltd.  
信管企業股份有限公司