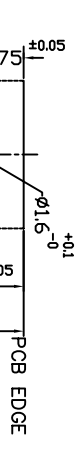
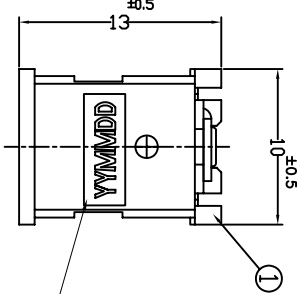


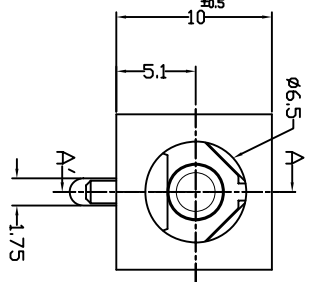
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	ECN NO.T090047	SPRING	10/07/09



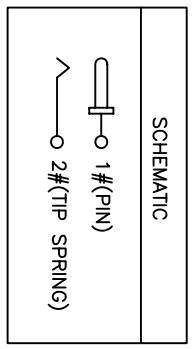
RECOMMENDED P.C.B LAYOUT  
SOLDERING SIDE



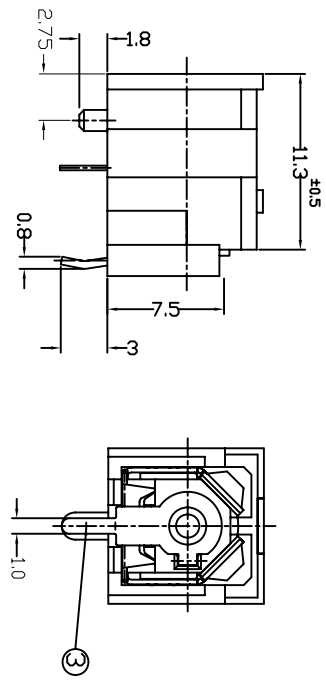
DATE CODE



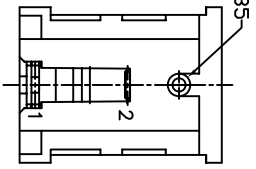
SCHEMATIC



MATE PLUG φ5.50

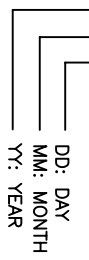


A - A' SECTION  
PIN



④

- SPECIFICATIONS:**
- RATING: DC 20V 5A
  - INSERTION FORCE: 0.2KG-2KG
  - WITHDRAWAL FORCE: 0.2KG-1.5KG
  - 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 20mΩ
  - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ
  - MEASURING CONDITION: TEMPERATURE: FROM 5°C TO 35°C. RELATIVE HUMIDITY: FROM 40% TO 85%.
  - ENVIRONMENTAL SPECIFICATIONS:
    - HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ±2°C FOR 96 HOURS.
    - HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
    - COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
  - GREEN PRODUCT IDENTIFICATION MARK ON JACK:
  - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
  - FOR LEAD-FREE PROCESS.
  - TO CONFORM TO THE SINGATRON HSF SPECIFICATION.
  - PRINTED DATE CODE "YMMDD" ON TOP OF CONNECTOR.
  - DATE CODE: **YMMDD**



NO	DESCRIPTION	QTY	MATERIAL
4	PIN	1	HB159-1.5B 2.5φ
3	TERMINAL	1	C2680-H 0.5T
2	TIP	1	C5210-H 0.3T
1	BODY	1	PA-9T+30%GF U94V-0

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:	TITLE
X : ±0.3	X : ±1°	DWA
XX : ±0.2	XX : ±0.5°	CHKD
XXX : ±0.1		APVD
XXXX : ±0.05		

Singatron Enterprise Co., Ltd.  
信登企業股份有限公司

D.C POWER JACK

PART NO. 20C-0107B200

SCALE: 3/1 UNIT: mm

SIZE: A3 SHEET: 1 OF 1 REV: A

ENGINEERING COPY