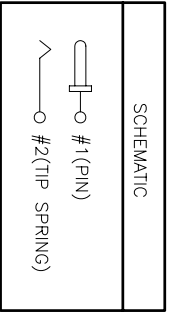
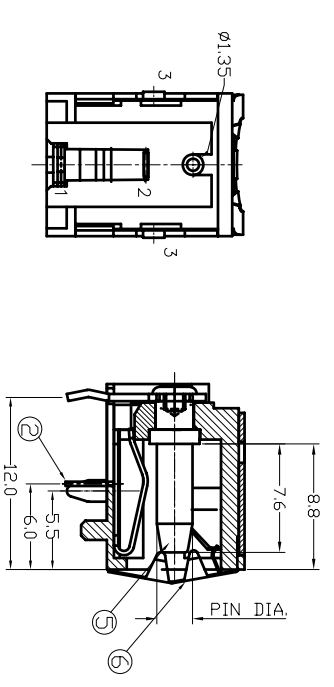
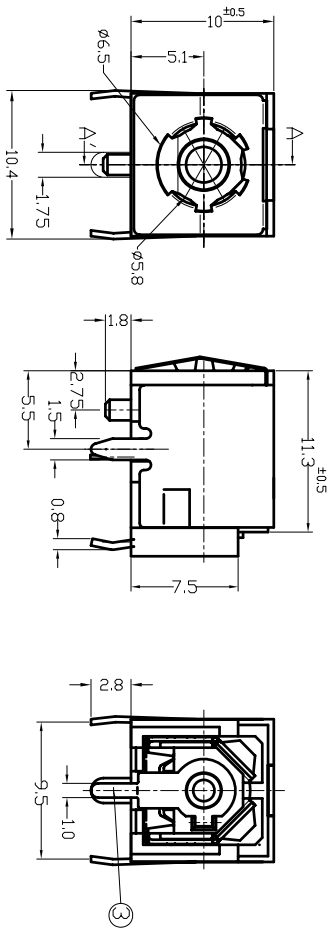
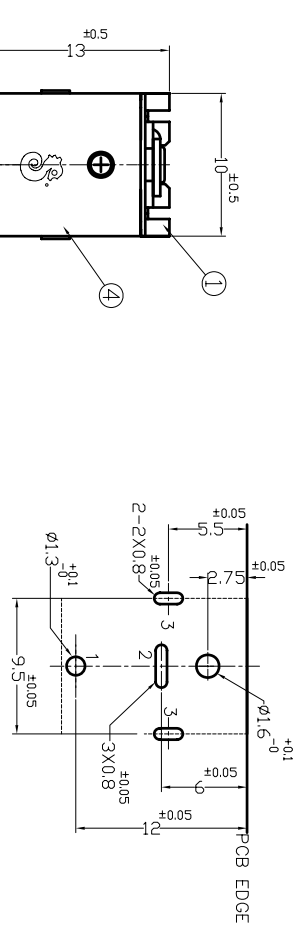


| REV. | ECN NO. OR DESCRIPTION | REVISED | DATE |
|------|------------------------|---------|-------|
| E | ECN NO.: T090047 | SPRING | 10/07 |



- SPECIFICATIONS:
- RATING: DC 20V 7A
 - 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 $20m\Omega$
 - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED $30m\Omega$
 - 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 \pm 2°C FOR 96 HOURS.
8.2 HEAT TEST: TEMPERATURE 70°C \pm 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
8.3 COLD TEST: TEMPERATURE -40°C \pm 2°C FOR 96 HOURS.
 - COLD TEST: TEMPERATURE -40°C \pm 2°C FOR 96 HOURS.
 - PACKAGING: TAPE & REEL
 - TO CONFORM TO THE "SE-01-001" & "ROHS DIRECTIVE"
 - GREEN PRODUCT IDENTIFICATION MARK ON JACK:
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **[G.P. PASS]**
 - FOR WAVE SOLDERING LEAD-FREE PROCESS.
 - SOLDER HEAT RESISTANCE: WAVE SOLDERING 260°C 10 SECS.

ORDERING CODE:

| | | | |
|----------|-----|----------|-----------------------|
| 2DC-G107 | 200 | PART NO. | PIN DIA. |
| | | B | 2.5 ϕ \pm 0.1 |
| | | C | 2.35 ϕ \pm 0.1 |

| NO. | DESCRIPTION | QTY | MATERIAL | COLOR & PLATING |
|-----|---------------|-----|--------------------------|-------------------|
| 6 | GROUND SPRING | 1 | STAINLESS 0.1t | N/A |
| 5 | PIN | 1 | BRASS BAR | NICKEL PLATING |
| 4 | SHIELDING | 1 | SPPC-SD 0.4t | TIN ALLOY PLATING |
| 3 | TERMINAL | 1 | BRASS 0.5t | SILVER PLATING |
| 2 | TIP | 1 | COPPER ALLOY 0.3t | SILVER PLATING |
| 1 | BODY | 1 | HIGH TEMP. THERMOPLASTIC | BLACK COLOR |

UNLESS OTHERWISE SPECIFIED TOLERANCES:

DECIMALS: ANGLES:

X : ± 0.3 X : $\pm 2^\circ$
 X.X : ± 0.2 X.X : $\pm 1^\circ$
 X.XX : ± 0.1

| | | | | | |
|------|-----------------|----------|----------|------|--------|
| APVD | USSEN 10/26-109 | SIZE: A3 | SHEET: 1 | OF 1 | REV: B |
|------|-----------------|----------|----------|------|--------|

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

TITLE: D.C POWER JACK

DRAWN: SCALE: 3/1 UNIT: MM