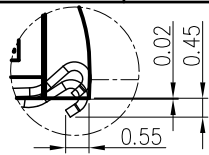
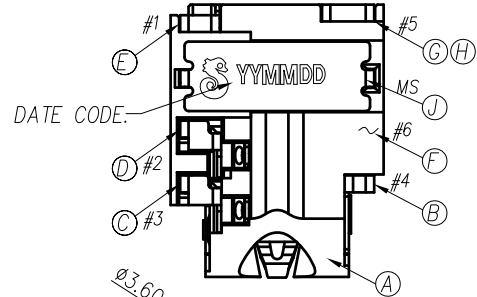


| | | | |
|------|-----------------------|---------|------------|
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
| A | PDR NO: T140121-5A | Owen | 2014.06.27 |



DETAIL: A
SCALE: 2:1

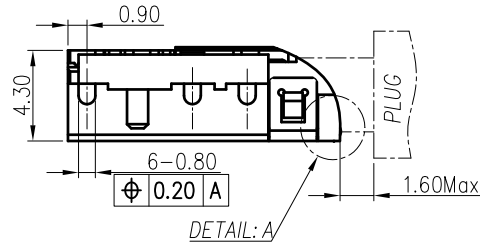
PRODUCT APPLICATION:
THE SPRING WORKING
POSITION WHEN PLUG-IN



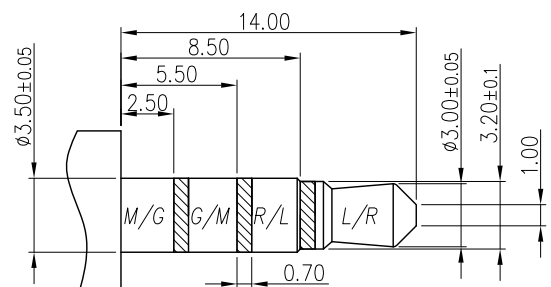
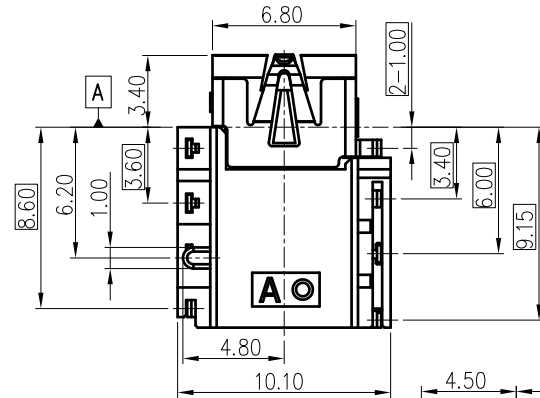
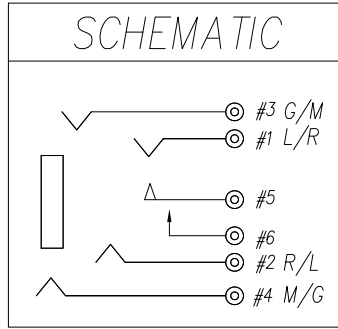
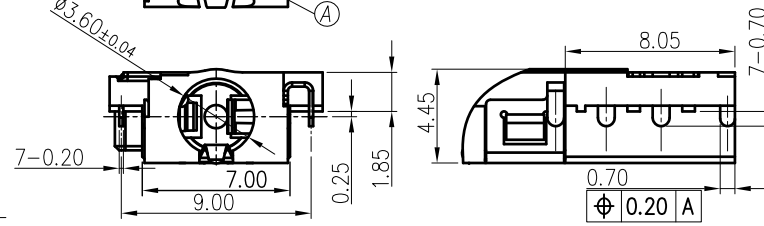
DATE CODE: YYMMDD

SPECIFICATIONS:

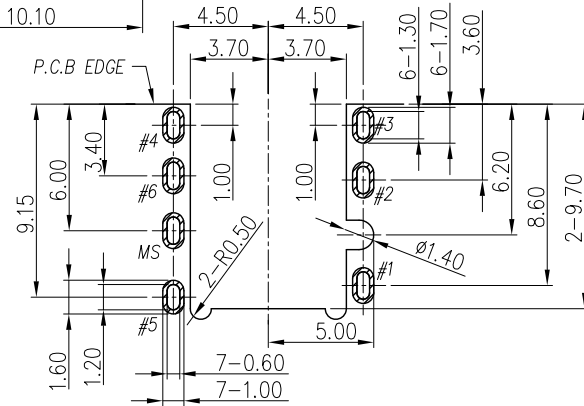
- INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC.
- CONTACT RESISTANCE: 50mΩ MAX(INITIAL).
- INSULATION VOLTAGE WITHSTAND: 500V AC FOR ONE MINUTE.
- UNLESS OTHERWISE SPECIFIED. TEST IS TO BE MADE AT 5-35°C IN TEMPERATURE AND 45-85% IN HUMIDITY. BUT, IF ANY VAGUE DATA IS OCCURED ON TEST RESULT, ANOTHER TEST SHALL BE MADE AT 20°C±2°C IN TEMP., 60-70% IN HUMIDITY.
- LIFE TEST: 5,000 CYCLES MIN.
- INSERTION FORCE: 0.3 - 3Kg.
- WITHDRAWAL FORCE: 0.4 - 3Kg (INITIAL).
- AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
- AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
- MARKING: MARK "S" ON TOP OF CONNECTOR.
- PACKING : TAPE & REEL.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
- HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:



DETAIL: A



RECOMMENDED PLUG
3.5 4-POLE STANDARD PLUG



RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05

| J | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|----|-------------------|-----|-------------------------------------|---------------------------------------------------------------------------------|
| J | SHELL | 1 | SUS304-1/2H 0.2t | Ni 60u"Min. |
| H | SEPARATOR | 1 | HIGH TEMP.THERMOPLASTIC UL 94V-0 | BLACK |
| G | TRANSFER TERMINAL | 1 | PHOSPHOR BRONZE 0.2t | GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni |
| F | MAKE TERMINAL | 1 | PHOSPHOR BRONZE 0.2t | GOLD FLASH ON CONTACT AREA; Matte Sn80u" ON SOLDER AREA; ALL OVER 50u" Ni |
| E | TIP SPRING | 1 | PHOSPHOR BRONZE 0.2t | |
| D | RING A | 1 | PHOSPHOR BRONZE 0.2t | Au 5u" ON CONTACT AREA; Matte Sn80u" ON SOLDER AREA; ALL OVER 50u" Ni |
| C | RING B | 1 | PHOSPHOR BRONZE 0.2t | |
| B | EARTH | 1 | PHOSPHOR BRONZE 0.2t | |
| A | BODY | 1 | LCP E130i UL 94V-0 | 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 | 3.5φ PHONE JACK | |
| X :±0.5 | X :±2° | DWN Owen | PART NO.2SJ3108-019111F | |
| X.X :±0.3 | X.X :±1° | CHKD Bruce | SCALE 4:1 | UNIT: mm |
| X.XX :±0.2 | | APVD Lussen | SIZE: A3 | SHEET:1 OF 1 |

CUSTOMER COPY