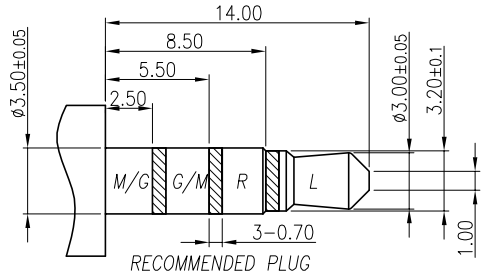
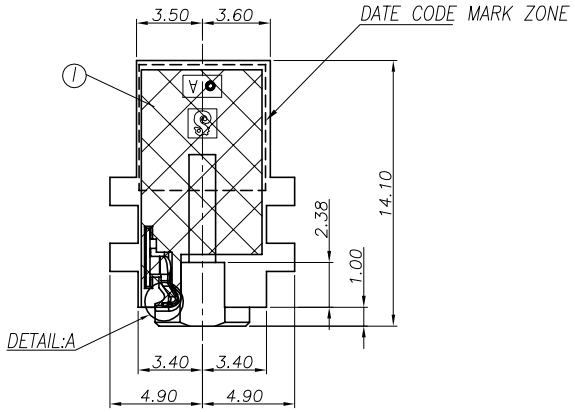
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
|---|---|---|---|
| A | PDR NO: T171026-2A | Julia | 2018.09.11 |



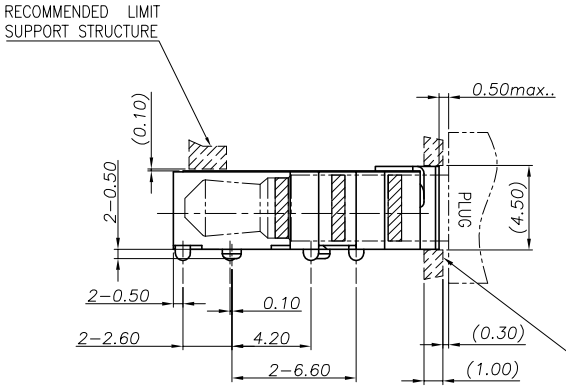

RECOMMENDED PLUG

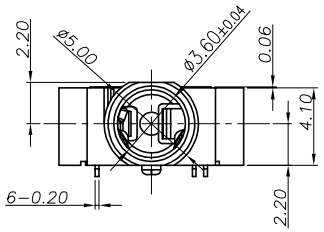
ø3.5 4-POLE STANDARD PLUG

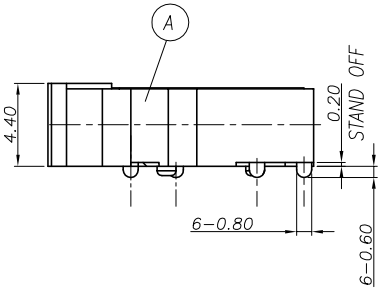


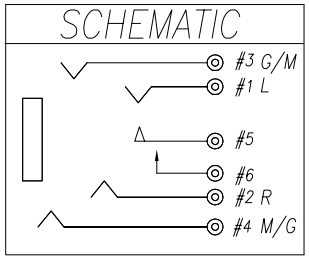

SPECIFICATIONS:

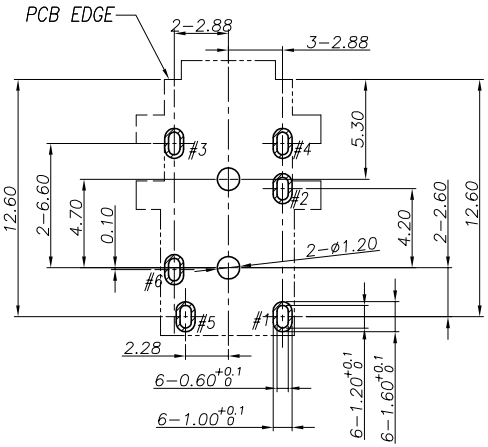
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. LIFE TEST: 5,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
3. INSERTION FORCE: 0.3 - 3.0Kgf.
4. WITHDRAWAL FORCE: 0.3 - 3.0Kgf.
5. PACKAGING : TAPE & REEL.
6. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
9. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
10. FOR LEAD-FREE PROCESS.
11. PRINTED DATE CODE"YYMMDD-" ON TOP OF CONNECTOR.



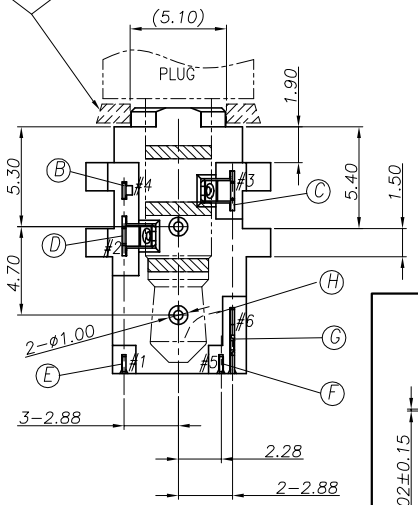



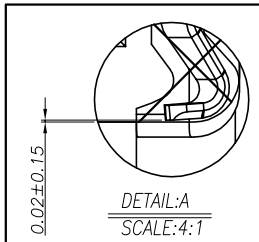




RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05

MATCHED MECHANISM'S ID NEED TO AVOID INTERFERENCE WITH TERMINAL WHEN PLUG IN




DETAIL:A

SCALE:4:1

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|---|---|---|---|---|
| I | MYLAR | 1 | 12.6L*6.4W*0.06T | YELLOW |
| H | SEPARATOR | 1 | HIGH TEMP.THERMOPLASTIC UL 94V-0 | BLACK |
| G | MAKE TERMINAL | 1 | COPPER ALLOY 0.20T | GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni. |
| F | TRANSFER TERMINAL | 1 | COPPER ALLOY 0.20T | |
| E | TIP SPRING | 1 | COPPER ALLOY 0.20T | GOLD FLASH ON CONTACT AREA; Matte Tin120u" ON SOLDER AREA; ALL OVER 50u" Ni. |
| D | RING A | 1 | COPPER ALLOY 0.20T | |
| C | RING B | 1 | COPPER ALLOY 0.20T | |
| B | EARTH | 1 | COPPER ALLOY 0.20T | |
| A | BODY | 1 | HIGH TEMP.THERMOPLASTIC UL 94V-0 | BLACK |

UNLESS OTHERWISE SPECIFED 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 | ø3.50 AUDIO JACK | | |
| DWN | Julia | PART NO.2SJ3098-028111F | |
| CHKD | Bruce | SCALE 4:1 | UNIT: mm |
| APVD | Liao | SIZE: A3 | SHEET:1 OF 1 |
| | | | REV: A |

CUSTOMER COPY

文件編號 RD-06-043-A