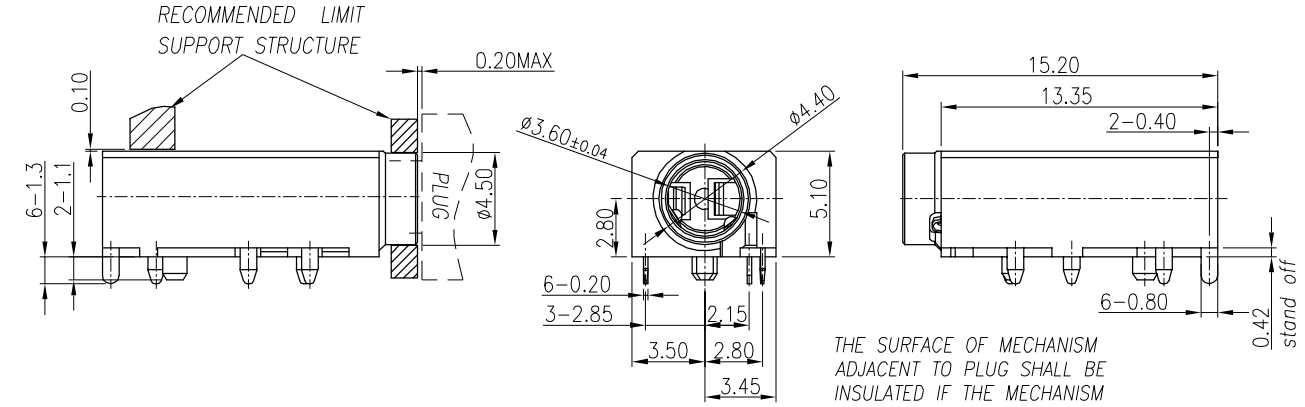
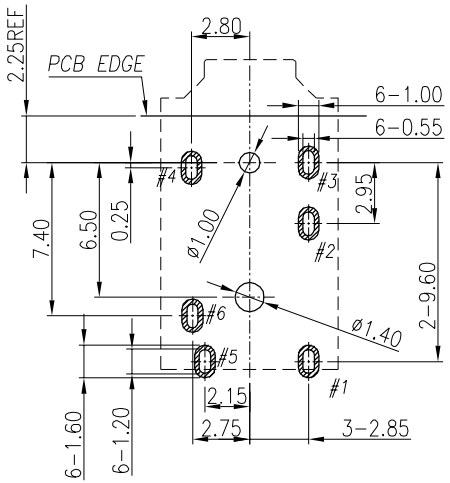
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
|---|---|---|---|
| A | PDR NO:T220721-1A | JIELIN | 2020.10.08 |



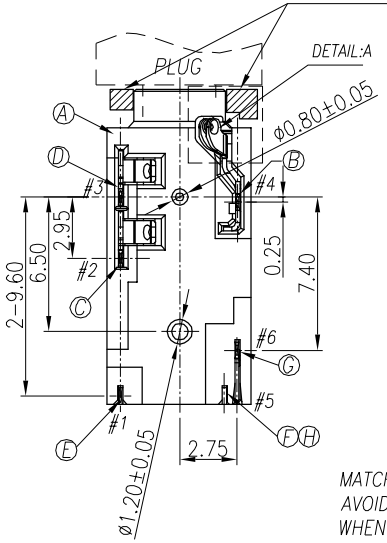

THE SURFACE OF MECHANISM ADJACENT TO PLUG SHALL BE INSULATED IF THE MECHANISM IS METAL.

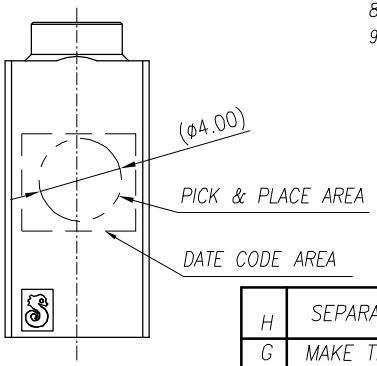
SPECIFICATIONS:

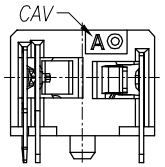
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 0.3-3.0Kgf;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

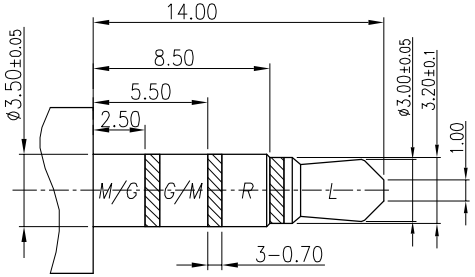



RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05

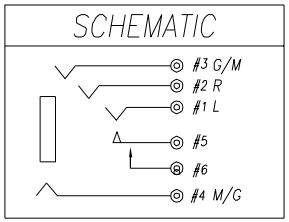


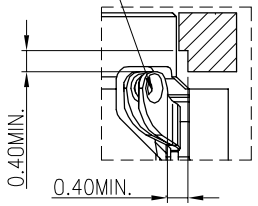




RECOMMENDED PLUG;TOL.±0.05
ø3.5 4-POLE PLUG




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




DETAIL:A
SCALE:2:1

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|---|---|---|---|---|
| H | SEPARATOR | 1 | HIGH TEMP.THERMOPLASTIC UL 94V-0 | BLACK |
| G | MAKE TERMINAL | 1 | PHOSPHOR BRONZE 0.2T | 1~3μin GOLD PLATING ON CONTACT AREA; 1~3μin GOLD PLATING ON SOLDER TAIL AREA; AND 50μin MIN. NICKEL UNDER PLATING. |
| F | TRANSFER TERMINAL | 1 | PHOSPHOR BRONZE 0.2T | |
| E | TIP SPRING | 1 | STAINLESS STEEL 0.2T | |
| D | RING-B | 1 | PHOSPHOR BRONZE 0.2T | |
| C | RING-A | 1 | PHOSPHOR BRONZE 0.2T | |
| B | EARTH | 1 | PHOSPHOR BRONZE 0.2T | 1~3μin GOLD PLATING ON CONTACT AREA; AND 50μin MIN. NICKEL UNDER PLATING. |
| A | BODY | 1 | HIGH TEMP.THERMOPLASTIC UL 94V-0 | BLACK |

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2
ANGLES: X :±2°, X.X :±1°

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

| | | | |
|---|---|---|---|
| TITLE | 3.5ø Audio JACK | | |
| DWN | JIELIN | PART NO.2SJ3072-330111F | |
| CHKD | Bruce | SCALE 1:1 | UNIT: mm |
| APVD | Liao | SIZE: A3 | SHEET:1 OF 1 REV: A |

CUSTOMER COPY

文件編號 RD-06-043-A