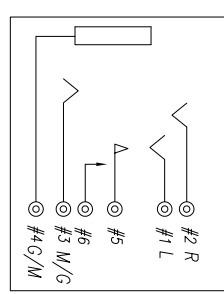


SCHEMATIC



- SPECIFICATIONS:**
- 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.
 - MECHANICAL CHARACTERISTICS:**
 - 2-1. INSERTION FORCE: INITIAL 0.3-3.0kgf;
 - 2-2. WITHDRAWAL FORCE: INITIAL 0.3-3.0kgf;
 3. LIFE TEST: 5,000 CYCLES MIN.
 4. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
 5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
 6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT;
 8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING;
 9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
 10. PRINTED DATE CODE "YMD" ON TOP OF CONNECTOR.

| REV. | ECN NO. | OR DESCRIPTION | REVISED | DATE |
|------|------------------------|----------------|----------|------------|
| A | PDR NO.: T210804-34 | | Jinshuai | 2021.09.01 |
| B | ECN NO.: S202109-C133A | | Jiujian | 2021.09.24 |

| J | MYLAR | KAPTON 0.10T | Yellow |
|---|-------------------|-------------------------------------|-----------------|
| H | SEPARATOR | HIGH TEMP.THERMOPLASTIC UL 94V-0 | BLACK |
| G | TRANSFER-TERMINAL | PHOSPHOR BRONZE 0.2t | |
| F | MAKE-TERMINAL | PHOSPHOR BRONZE 0.2t | |
| E | TIP-SPRING | STAINLESS STEEL 0.25t | |
| D | RING-B | PHOSPHOR BRONZE 0.2t | |
| C | RING-A | PHOSPHOR BRONZE 0.2t | |
| B | EARTH-SPRING | PHOSPHOR BRONZE 0.2t | |
| A | BODY | HIGH TEMP.THERMOPLASTIC UL 94V-0 | BLACK |
| NO | DESCRIPTION | QTY | PLATING & COLOR |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | | |
| Singatron Enterprise Co., Ltd. 信管企業股份有限公司 | | | |
| TITLE 3.5Ø AUDIO JACK R/A TYPE | | | |
| DWN Jiujian PART NO. 2S13170-014111F | | | |
| CHKD Bruce SCALE 4:1 UNIT: mm | | | |
| APVD Liao SIZE: A3 SHEET: 1 OF 1 REV: B | | | |
| CUSTOMER COPY | | | |

RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05

RECOMMENDED PLUG(TOL.±0.05)
Ø3.5 4-POLE STANDARD PLUG

