



- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - RATING: 12V 1A
 - CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE: 0.5~2.2kgf AFTER THE FIFTH TIME; 0.4~2.2kgf AFTER LIFE TEST;
 - WITHDRAWAL FORCE: 0.5~2.0kgf AFTER THE FIFTH TIME; 0.4~2.0kgf AFTER LIFE TEST;
 - LIFE TEST: 5,000 CYCLES MIN.
 - AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
 - PACKAGING : TAPE & REEL.
 - AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
 - OTHER GENERAL SPEC TO REFER "AUDIO JACK FOR ASUS SPEC"
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT;
 - HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING;
 - FOR LEAD-FREE PROCESS.
 - PRINTED DATE CODE "MMDDYY" ON TOP OF CONNECTOR.
 - OVERLOADING FORCE < 4KGf

RECOMMENDED PCB LAYOUT
TOP VIEW : TOL.±0.05

RECOMMENDED PLUG LAYOUT
Ø3.5 4-POLE PLUG

| REV | ECN NO | OR DESCRIPTION | REVISED | DATE |
|-----|---------------------|----------------|---------|------------|
| A | PDR NO: T180226-2A | | Peng | 2018.11.13 |
| B | ECN NO: S202212-C11 | | Shihong | 2023.02.20 |

| J | SHELL | 1 | SUS304-1/2H 0.2t | Ni: 60u"Min. |
|---|-------------------|---|-----------------------|--------------|
| H | SEPARATOR | 1 | LCP E130i UL 94V-0 | BLACK |
| G | TRANSFER TERMINAL | 1 | C5210-EH 0.2t | |
| F | MAKE TERMINAL | 1 | C5210-EH 0.2t | |
| E | TIP SPRING | 1 | SUS304-1/2H 0.2t | |
| D | RING A | 1 | C5210-EH 0.2t | |
| C | RING B | 1 | C5210-EH 0.2t | |
| B | EARTH | 1 | C5210-EH 0.2t | |
| A | BODY | 1 | PA41(TX1) UL 94V-0 | BLACK |

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|---------------------------------------|-------------|-----|----------|-----------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | | | |
| DECIMALS: ANGLES: | | | | |
| X | :±0.5 | X | :±2° | |
| X.X | :±0.3 | X.X | :±1° | |
| X.XX | :±0.2 | | | |

| TITLE | 3.5Ø AUDIO JACK |
|-------------------------|-----------------|
| DWN | Shihong |
| CHKD | Bruce |
| APVD | Liao |
| PART NO.2S13160-008111F | |
| SCALE 4:1 | |
| UNIT: mm | |
| SHEET: 1 OF 1 | |
| REV: B | |

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