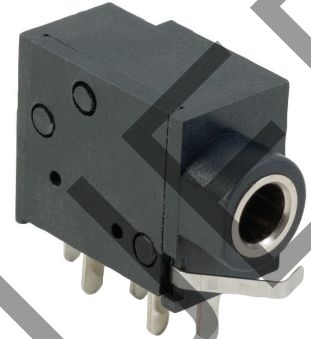


**MODEL:** SJ-3598 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- isolated ground spring
- plastic bushing
- PCB mount

**SPECIFICATIONS**

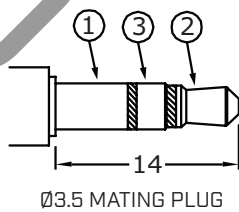
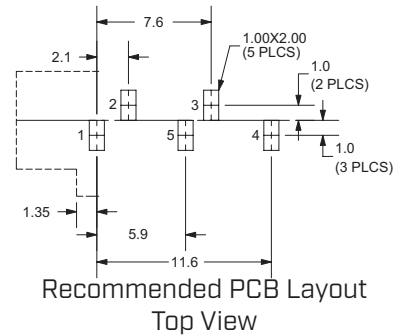
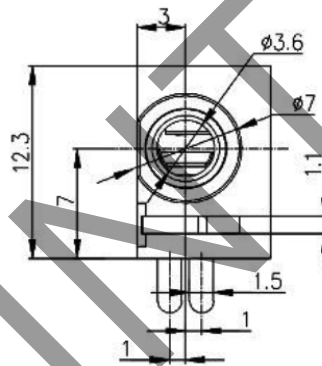
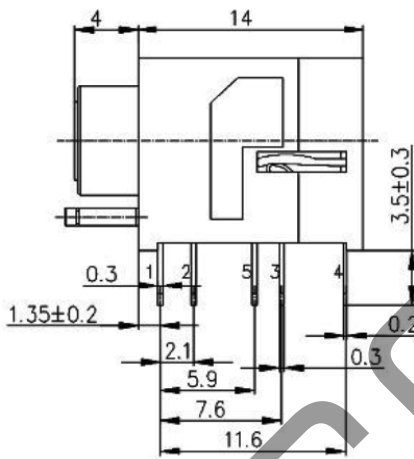
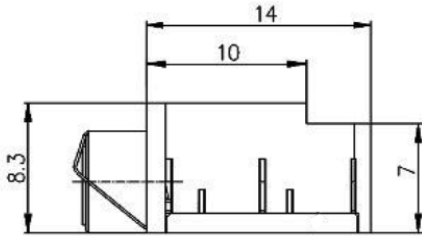
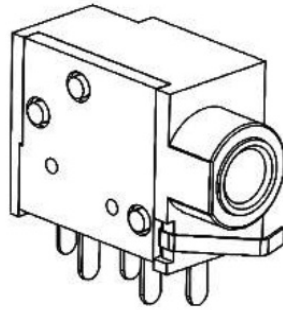
| parameter | conditions/description | min | typ | max | units |
|----------------------------|--|-----|-------|----------|----------|
| rated input voltage | | | 12 | | Vdc |
| rated input current | | | | 1 | A |
| contact resistance | between terminal and mating plug between terminal in a closed circuit | | | 50 30 | mΩ mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 3 | kg |
| operating temperature | | -25 | | 85 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|---|-----|-----|-----|-------|
| wave soldering | dipped in solder pot for 5 ±0.5 seconds | 255 | 260 | 265 | °C |

MECHANICAL DRAWING

units: mm
 tolerance:
 X.X ±0.20 mm
 X.XX ±0.10 mm
 X.XXX ±0.05 mm
 unless otherwise specified



| | |
|-----------|---------------------------|
| Model No. | SJ-3598 |
| Schematic | |
| PIN | |
| 1 | sleeve |
| 2 | tip |
| 3 | ring |
| 4 | isolated tip |
| 5 | isolated tip switch [N-O] |

| DESCRIPTION | MATERIAL | PLATING/COLOR |
|-------------|------------------------|---------------|
| terminal 1 | brass t=0.30 | tin |
| terminal 2 | phosphor bronze t=0.30 | tin |
| terminal 3 | phosphor bronze t=0.30 | tin |
| terminal 4 | phosphor bronze t=0.20 | tin |
| terminal 5 | brass t=0.30 | tin |
| bushing | brass | nickel |
| spring | stainless steel t=0.15 | |
| shield | stainless steel | |
| housing | PA66 (UL94V-0) | black |

REVISION HISTORY

| rev. | description | date |
|------|---|------------|
| 1.0 | initial release | 02/22/2012 |
| 1.01 | updated schematic | 04/20/2012 |
| 1.02 | brand update | 01/31/2020 |
| 1.03 | product reengineered for improved manufacturability and production yield, see PCN for details | 07/07/2023 |

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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