

**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<br>between terminal in a closed circuit |     |       | 50<br>30 | mΩ<br>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    |



## 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.



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