CUI DEVICES



## MODEL: MJ-3536N | DESCRIPTION: AUDIO JACK

### FEATURES
- flashed bushing
- internal tip switch



RoHS

## 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[1] | | | 50<br>30 | mΩ<br>mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | at 50/60Hz for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 3 | kg |
| terminal strength | any direction for 10 seconds | | | 500 | g |
| operating temperature | | -25 | | 85 | °C |
| life | | | 5,000 | | cycles |
| RoHS | yes | | | | |

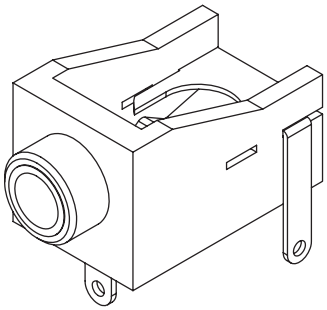
Notes: 1. When measured at a current of less than 100 mA / 1 kHz

## SOLDERABILITY

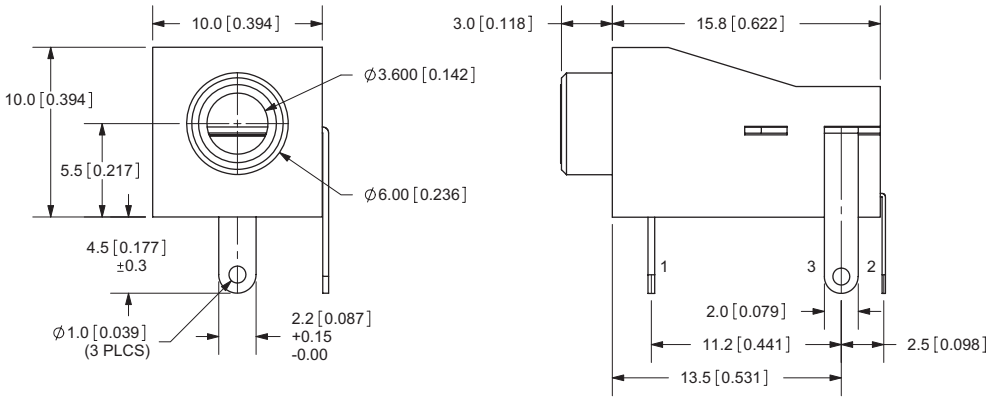
| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| wave soldering | dipped in solder pot for 5±0.5 seconds at | 255 | 260 | 265 | °C |

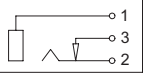
## MECHANICAL DRAWING

units: mm[inches]
Tolerance:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



| | MATERIAL | PLATING |
|---|---|---|
| terminal 1 | brass | tin |
| terminal 2 | copper alloy | tin |
| terminal 3 | brass | tin |
| bushing | brass | nickel |
| plastic | PBT | |




| MODEL NO. | MJ-3536N |
|---|---|
| DIA. | NON-THREAD |
| | Ø6.0 |
| SCHEMATIC |  |

## REVISION HISTORY

| rev. | description | date |
|---|---|---|
| 1.0 | initial release | 11/17/2005 |
| 1.01 | added PCB slot dimensions | 10/07/2010 |
| 1.02 | brand update | 02/10/2020 |

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

CUI DEVICES

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

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