

MODEL: SJ-3506-SMT | **DESCRIPTION:** MID MOUNT AUDIO JACK
FEATURES

- mid mount for low profile applications
- shielded
- Two switch configuration, one normally open, one isolated and normally closed

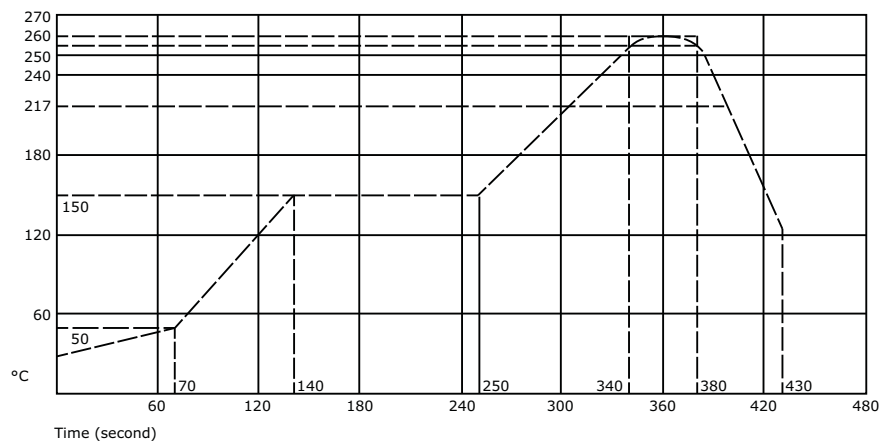
**SPECIFICATIONS**

| 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 ¹ | | | 50 30 | mΩ 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
2. Add suffix "-TR" to the model number for tape and reel packaging.

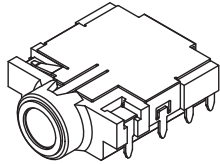
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|------------------|------------------------|-----|-----|-----|-------|
| reflow soldering | see reflow profile | 255 | 260 | 265 | °C |

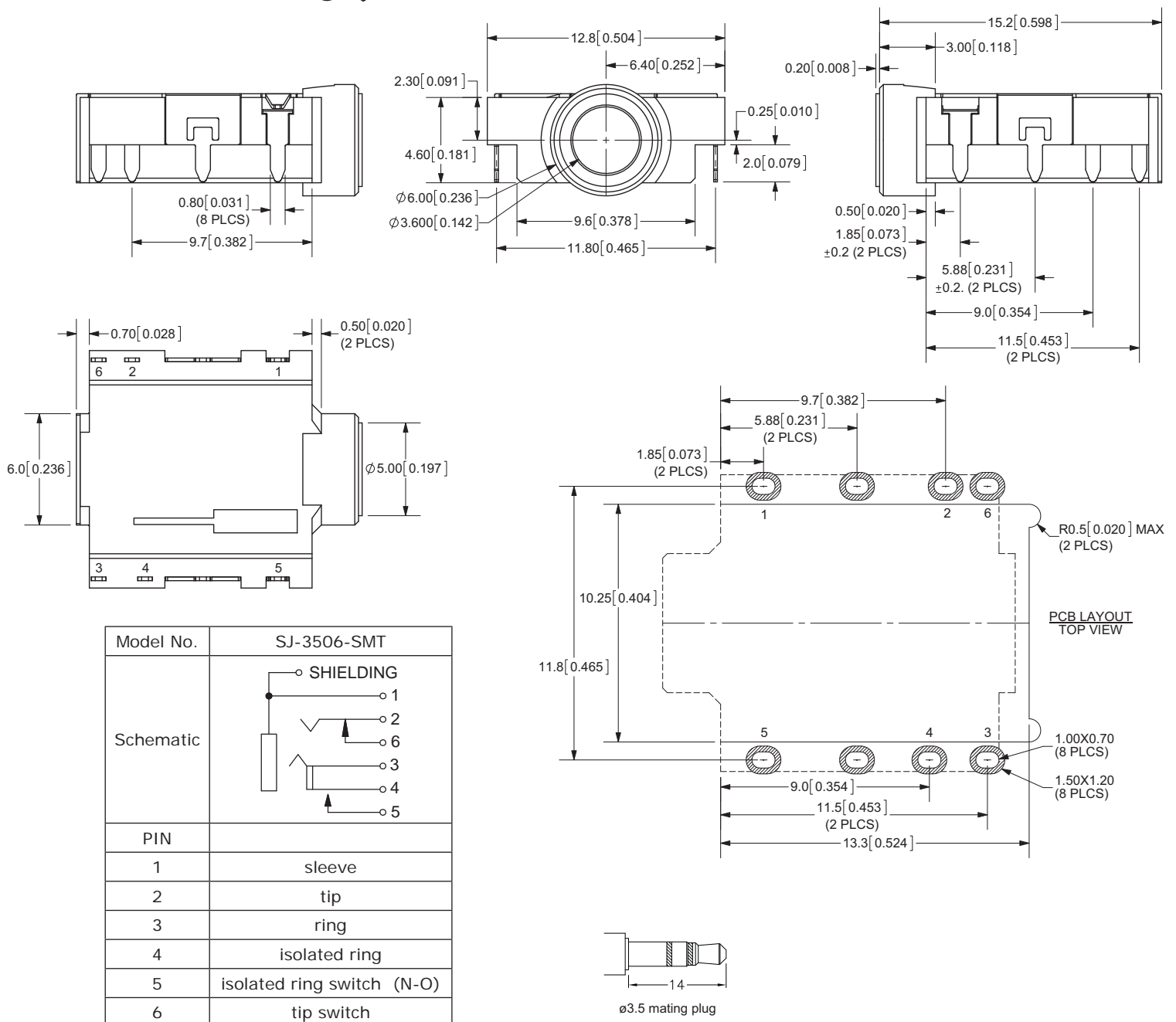


MECHANICAL DRAWING

units: mm[inches]

tolerance: X.X ± 0.2 mmX.XX ± 0.1 mmX.XXX ± 0.05 mm

| | MATERIAL | PLATING |
|------------|--------------|---------------|
| terminal 1 | copper alloy | gold flash |
| terminal 2 | copper alloy | gold flash |
| terminal 3 | copper alloy | gold flash |
| terminal 4 | copper alloy | gold flash |
| terminal 5 | copper alloy | gold flash |
| terminal 6 | copper alloy | gold flash |
| shield | copper alloy | nickel plated |
| bushing | brass | nickel plated |
| plastic | PA6T | |



REVISION HISTORY

| rev. | description | date |
|------|--|------------|
| 1.0 | initial release | 06/28/2011 |
| 1.01 | added TR package option, updated schematic | 11/28/2012 |

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



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