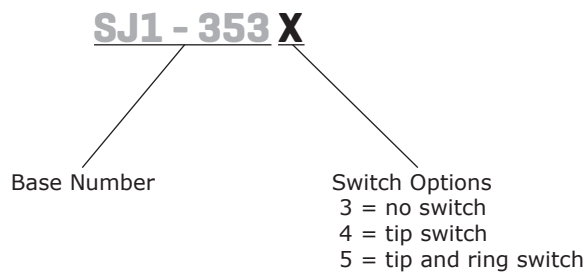


**SERIES:** SJ1-353X | **DESCRIPTION:** AUDIO JACK**FEATURES**

- low profile design
- threaded with nut
- switch options include:
  - no switch
  - tip switch
  - tip and ring switch

**PART NUMBER KEY****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          | 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: \*When measured at a current of less than 100 mA / 1 kHz

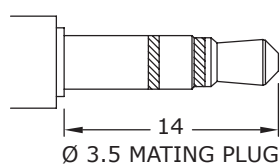
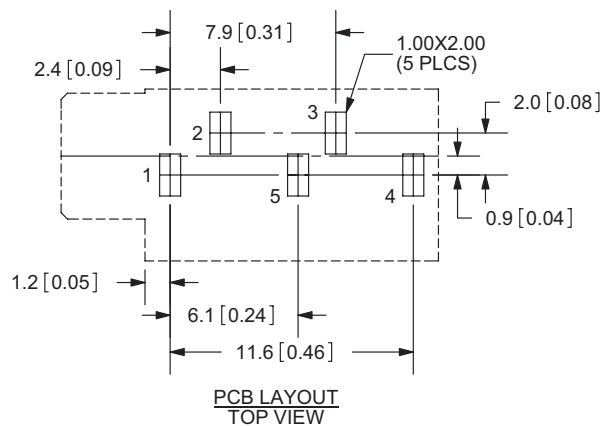
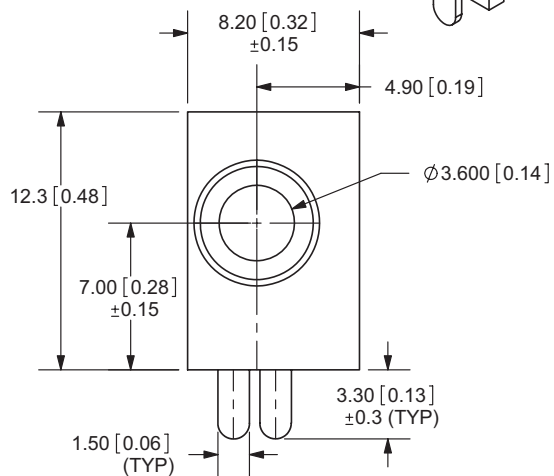
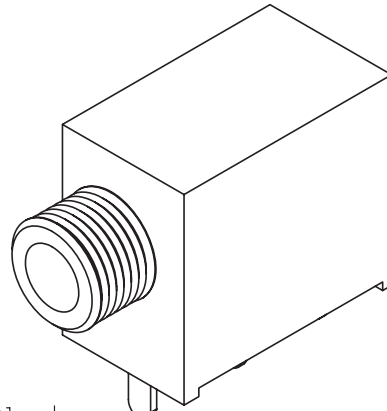
**SOLDERABILITY**

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

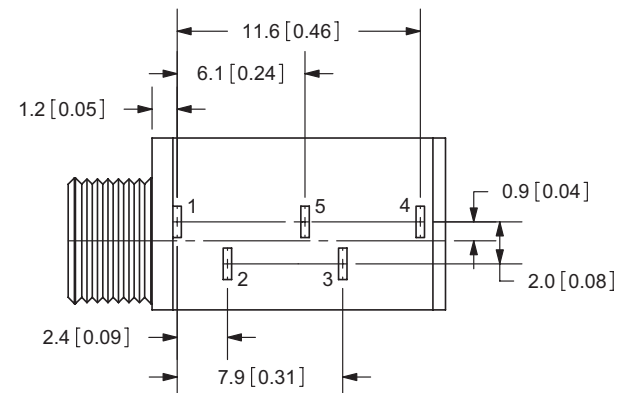
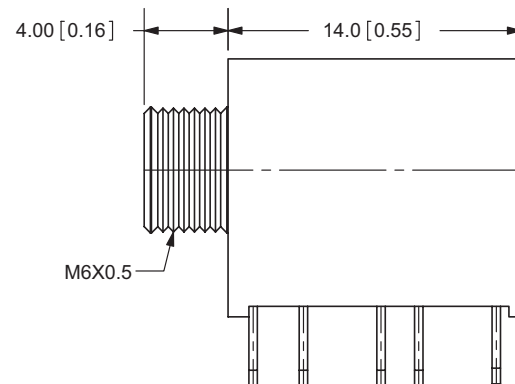
## MECHANICAL DRAWING

units: mm[inches]

TOLERANCE:  
 X.X  $\pm 0.2$ mm  
 X.XX  $\pm 0.1$ mm  
 X.XXX  $\pm 0.05$ mm



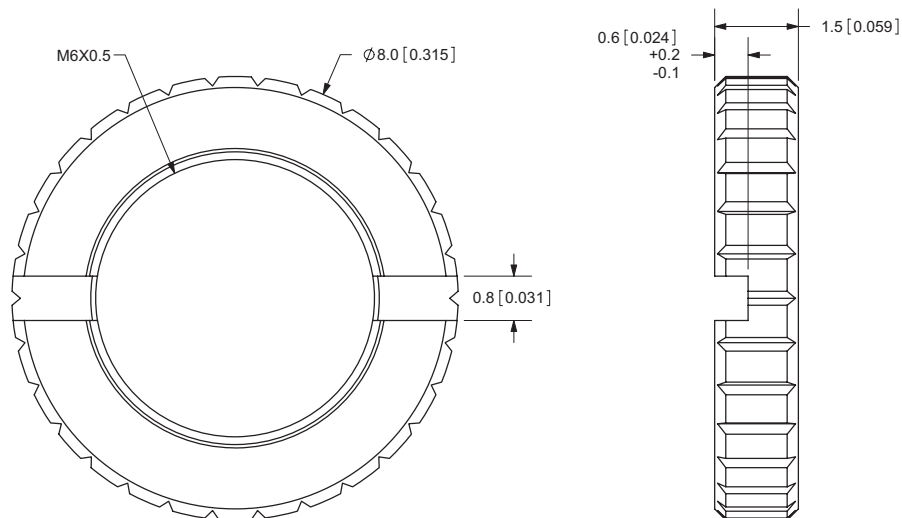
|            | MATERIAL        | PLATING |
|------------|-----------------|---------|
| terminal 1 | brass           | tin     |
| terminal 2 | brass           | tin     |
| terminal 3 | brass           | tin     |
| terminal 4 | brass           | tin     |
| terminal 5 | brass           | tin     |
| bushing    | brass           | nickel  |
| spring     | stainless steel |         |
| plastic    | PBT             |         |



| Model No. | SJ1-3533 | SJ1-3534   | SJ1-3535    |
|-----------|----------|------------|-------------|
| Schematic |          |            |             |
| PIN       |          |            |             |
| 1         | sleeve   | sleeve     | sleeve      |
| 2         | tip      | tip        | tip         |
| 3         | ring     | ring       | ring        |
| 4         | NP       | tip switch | tip switch  |
| 5         | NP       | NP         | ring switch |

## MECHANICAL DRAWING (CONTINUED)

units: mm[inches]



## REVISION HISTORY

| rev. | description          | date       |
|------|----------------------|------------|
| 1.0  | initial release      | 12/01/2005 |
| 1.01 | new template applied | 12/21/2011 |
| 1.02 | brand update         | 02/03/2020 |

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

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# CUI DEVICES

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