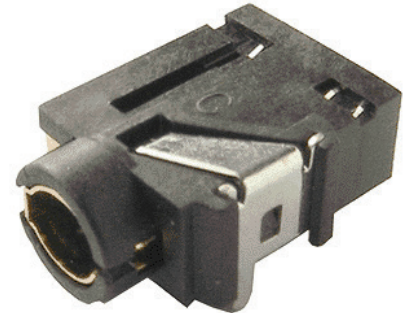
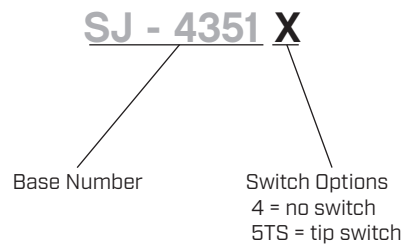


**SERIES:** SJ-4351X | **DESCRIPTION:** AUDIO JACK**FEATURES**

- PCB mount
- plastic bushing
- low profile design

**PART NUMBER KEY****SPECIFICATIONS**

| parameter                  | conditions/description               | min | typ   | max | units  |
|----------------------------|--------------------------------------|-----|-------|-----|--------|
| rated input voltage        |                                      |     | 16    |     | Vdc    |
| rated input current        |                                      |     |       | 300 | mA     |
| contact resistance*        | between terminal and mating plug     |     |       | 50  | mΩ     |
|                            | between terminal in a closed circuit |     |       | 30  | mΩ     |
| insulation resistance      | at 500 Vdc                           | 100 |       |     | MΩ     |
| voltage withstand          | at 50/60Hz for 1 minute              |     |       | 500 | Vac    |
| insertion/withdrawal force |                                      | 0.4 |       | 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

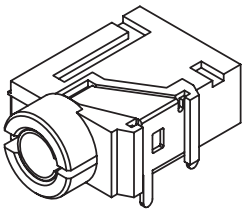
**SOLDERABILITY**

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

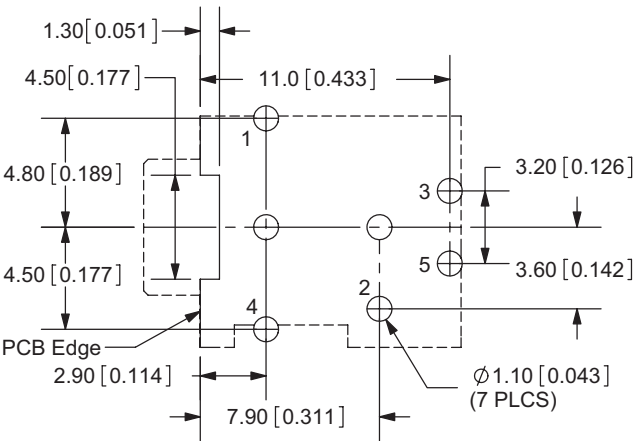
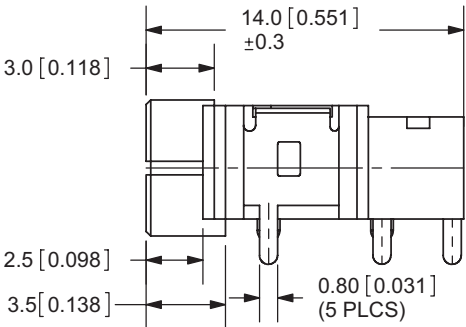
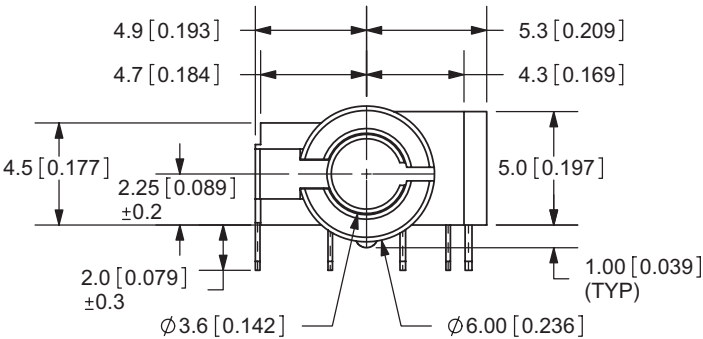
MECHANICAL DRAWING

units: mm[inches]

TOLERANCE:  
X.X ±0.2mm  
X.XX ±0.1mm  
X.XXX ±0.05mm

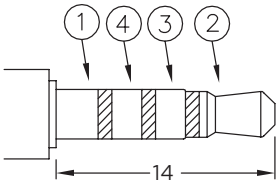
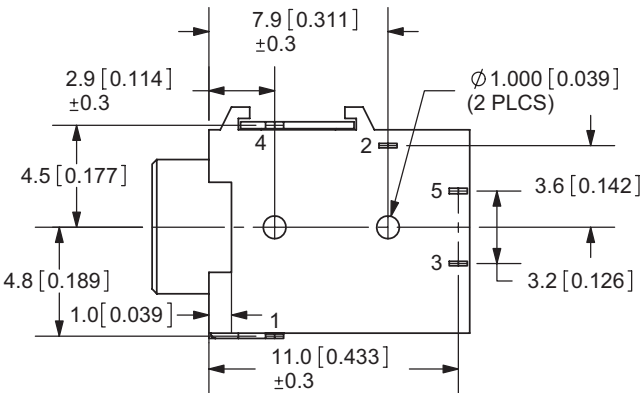


|            | MATERIAL        | PLATING |
|------------|-----------------|---------|
| terminal 1 | phosphor bronze | gold    |
| terminal 2 | titanium copper | tin     |
| terminal 3 | phosphor bronze | tin     |
| terminal 4 | phosphor bronze | tin     |
| terminal 5 | brass           | tin     |
| plastic    | PA66            |         |



PCB LAYOUT  
TOP VIEW

NOTE: Tolerance for PCB Layout is ± 0.05mm



Ø 3.5 MATING PLUG

| Model No. | SJ-43514 | SJ-43515TS |
|-----------|----------|------------|
| Schematic |          |            |
| PIN       |          |            |
| 1         | sleeve   | sleeve     |
| 2         | tip      | tip        |
| 3         | ring 1   | ring 1     |
| 4         | ring 2   | ring 2     |
| 5         | NP       | tip switch |

REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 05/01/2006 |
| 1.01 | new template applied              | 02/21/2012 |
| 1.02 | pin numbering changed             | 03/09/2012 |
| 1.03 | added notch to pcb layout         | 04/05/2012 |
| 1.04 | updated drawing                   | 06/05/2012 |
| 1.05 | brand update                      | 01/31/2020 |
| 1.06 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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



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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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