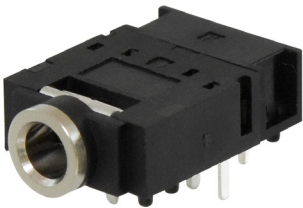




**MODEL:** SJ-3566AN | **DESCRIPTION:** AUDIO JACK

**FEATURES**

- low profile design
- SPDT switch



**SPECIFICATIONS**

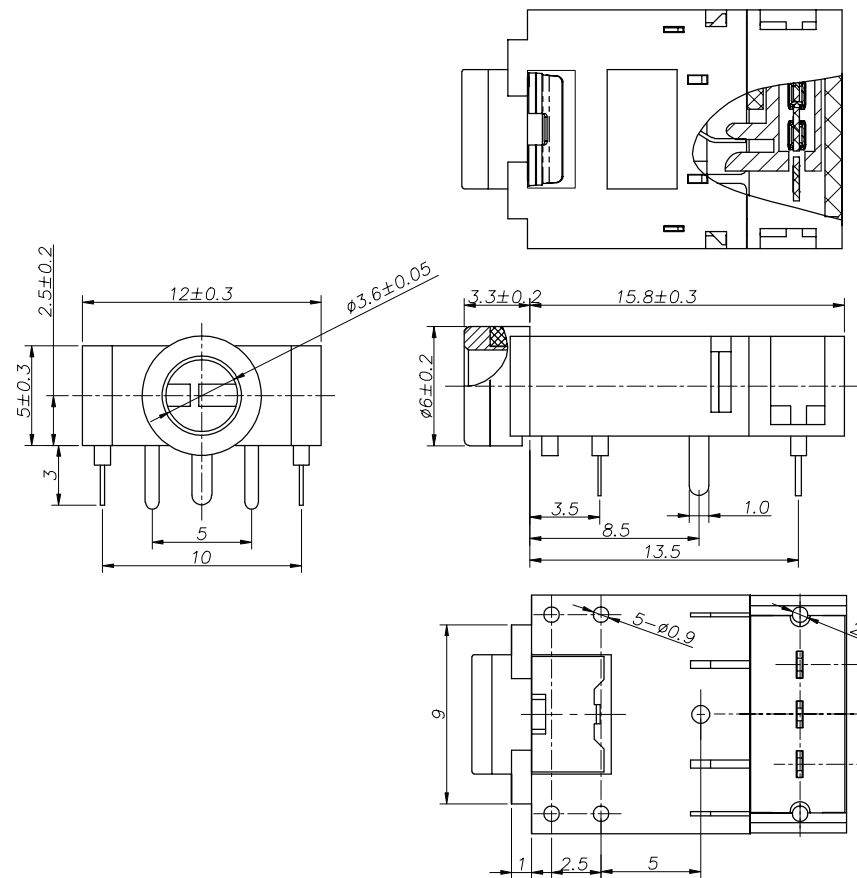
| parameter                  | conditions/description | min | typ   | max | units  |
|----------------------------|------------------------|-----|-------|-----|--------|
| rated input voltage        |                        |     | 15    |     | Vdc    |
| rated input current        |                        |     |       | 1   | A      |
| contact resistance         | terminals 1~3          |     |       | 50  | mΩ     |
|                            | terminals 4~6          |     |       | 30  | mΩ     |
| insulation resistance      | at 500 Vdc             | 100 |       |     | MΩ     |
| voltage withstand          | for 1 minute           |     |       | 500 | Vac    |
| insertion/withdrawal force |                        | 0.3 |       | 3   | kg     |
| operating temperature      |                        | -20 |       | 70  | °C     |
| storage temperature        |                        | -40 |       | 85  | °C     |
| life                       |                        |     | 5,000 |     | cycles |
| flammability rating        | UL94V-0                |     |       |     |        |
| RoHS                       | yes                    |     |       |     |        |

**SOLDERABILITY**

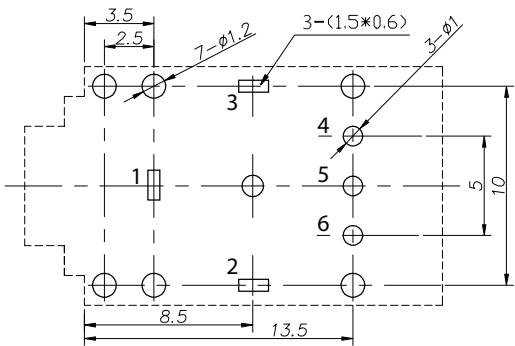
| parameter      | conditions/description               | min | typ | max | units |
|----------------|--------------------------------------|-----|-----|-----|-------|
| wave soldering | dipped in solder pot for 4~6 seconds |     | 250 |     | °C    |

MECHANICAL DRAWING

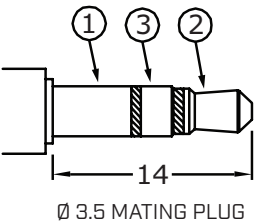
units: mm  
tolerance: ±0.3 mm  
PCB: ±0.05 mm  
unless otherwise specified



| DESCRIPTION          | MATERIAL               | PLATING/COLOR      |
|----------------------|------------------------|--------------------|
| terminal 1           | brass t=0.20           | tin over nickel    |
| terminal 2           | stainless steel t=0.25 | silver over nickel |
| terminal 3           | stainless steel t=0.2  | silver over nickel |
| terminal 4           | brass t=0.35           | silver over nickel |
| terminal 5           | brass t=0.35           | silver over nickel |
| terminal 6           | brass t=0.35           | silver over nickel |
| bushing              | copper alloy           | nickel             |
| switch/slide housing | PA66+15%GF [UL94V-0]   | black              |
| housing              | PBT [UL94V-0]          | black              |
| bakelite             | PF                     | brown              |
| contact clip         | copper alloy t=0.05    | silver over nickel |



Recommended PCB Layout  
Top View



|           |                                               |
|-----------|-----------------------------------------------|
| Model No. | SJ-3566AN                                     |
| Schematic | <p>Plug Not Inserted</p> <p>Plug Inserted</p> |
| PIN       |                                               |
| 1         | sleeve                                        |
| 2         | tip                                           |
| 3         | ring                                          |

REVISION HISTORY

| rev. | description                                                                                   | date       |
|------|-----------------------------------------------------------------------------------------------|------------|
| 1.0  | initial release                                                                               | 09/13/2006 |
| 1.01 | new template applied                                                                          | 12/13/2011 |
| 1.02 | widened operating temperature range                                                           | 09/25/2013 |
| 1.03 | updated drawing                                                                               | 02/20/2015 |
| 1.04 | changed material of terminal 2 to be stainless steel                                          | 04/05/2016 |
| 1.05 | changed terminal plating to silver                                                            | 02/13/2019 |
| 1.06 | brand update                                                                                  | 10/10/2019 |
| 1.07 | discontinued models SJ-3567AN, SJ-3567BN, SJ-3566BN, & SJ-3568N; logo, datasheet style update | 08/15/2022 |
| 1.08 | product reengineered for improved manufacturability and production yield, see PCN for details | 06/02/2023 |
| 1.09 | 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.

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