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same sky

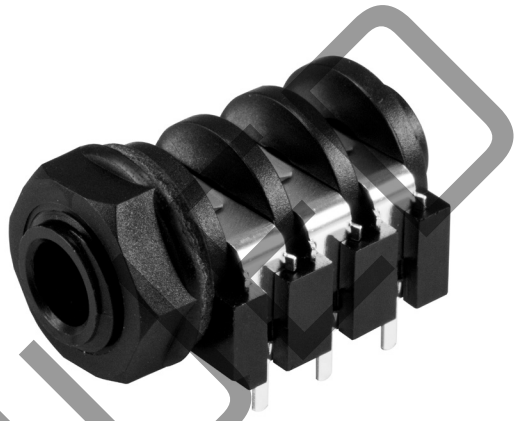
Additional Resources: Product Page



# SERIES: SJ-6307 | DESCRIPTION: AUDIO JACK

## FEATURES

- through hole
- right angle
- 2 and 3 conductor models
- 2 or 3 switch designs
- open housing design
- threaded with nut



RoHS

## PART NUMBER KEY

SJ-6307 X X

- Base Number
- # Conductors: 2 = 2, 3 = 3
- Switch Options: E = tip, ring, & sleeve switches; J = tip & sleeve switches

## 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 | | | 30 | mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.4 | | 3 | kg |
| operating temperature | | -25 | | 70 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | see material table | | | | |
| RoHS | yes | | | | |

## SOLDERABILITY

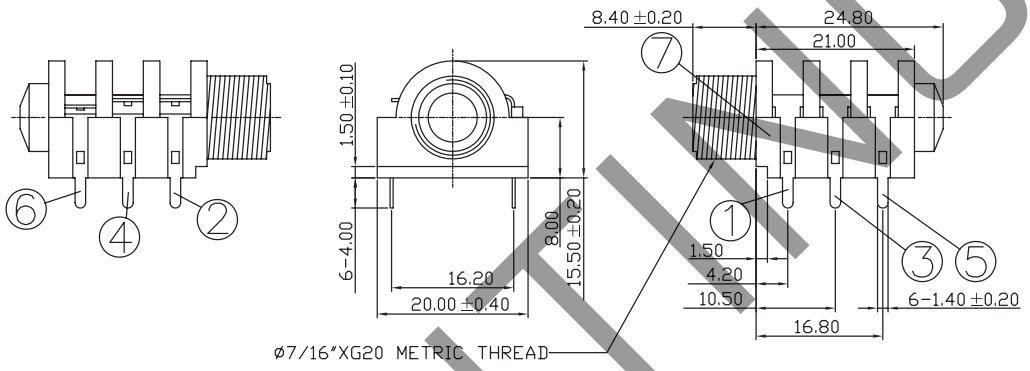
| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| wave soldering | dipped in solder pot for 3~5 seconds | | 260 | | °C |

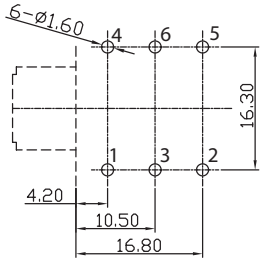
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## MECHANICAL DRAWING

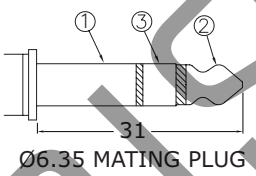
units: mm
tolerance: ±0.3 mm

| ITEM | DESCRIPTION | MATERIAL | PLATING/COLOR |
|---|---|---|---|
| 1 | sleeve spring | phosphor bronze | silver |
| 2 | sleeve shunt | bronze | silver |
| 3 | ring spring | phosphor bronze | silver |
| 4 | ring shunt | bronze | silver |
| 5 | tip spring | phosphor bronze | silver |
| 6 | tip shunt | bronze | silver |
| 7 | housing | PA66 (UL94V-0) | black |
| 8 | nut | PA66 (UL94V-0) | black |
| 9 | washer | paper | black |

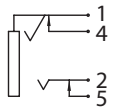
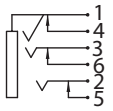


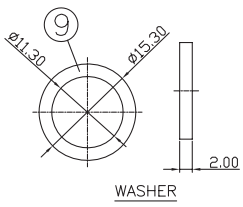




Recommended PCB Layout
Top View




Ø6.35 MATING PLUG

| Model No. | SJ-63072J | SJ-63073E |
|---|---|---|
| Schematic |  |  |
| PIN | | |
| 1 | sleeve | sleeve |
| 2 | tip | tip |
| 3 | NP | ring |
| 4 | sleeve switch | sleeve switch |
| 5 | tip switch | tip switch |
| 6 | NP | ring switch |




DISCONTINUED

## REVISION HISTORY

| rev. | description | date |
|---|---|---|
| 1.0 | initial release | 08/11/2020 |
| 1.01 | logo, datasheet style update | 08/16/2022 |
| 1.02 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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

DISCONTINUED

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.

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