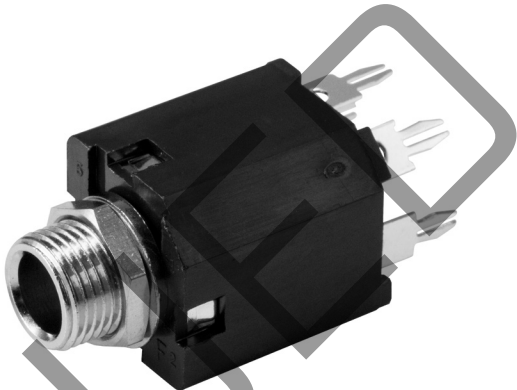




**SERIES:** SJ-6308 | **DESCRIPTION:** AUDIO JACK

**FEATURES**

- through hole
- vertical orientation
- 3 conductor
- threaded with nut



**PART NUMBER KEY**

SJ-6308 3 X

Base Number

Switch Options:  
A = no switch  
D = tip & ring 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                              |     |       |     |        |

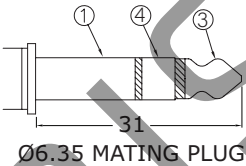
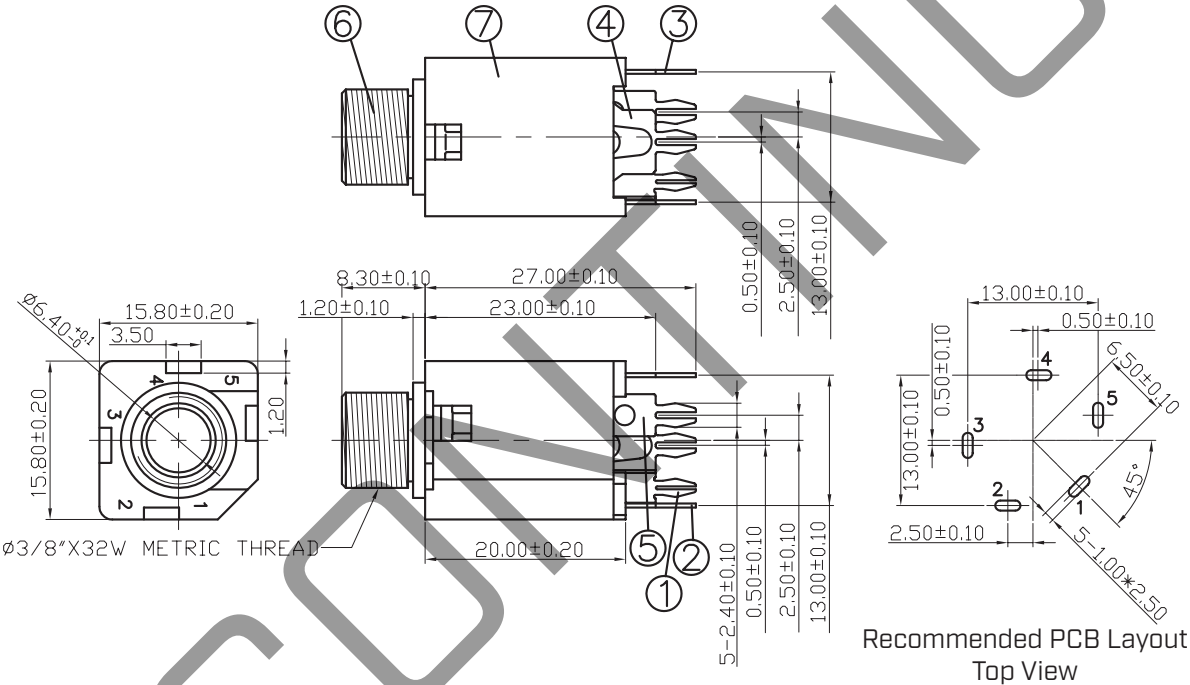
**SOLDERABILITY**

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3~5 seconds        |     | 360 |     | °C    |

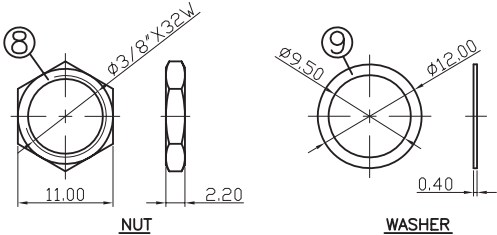
MECHANICAL DRAWING

units: mm  
tolerance: ±0.3 mm

| ITEM | DESCRIPTION    | MATERIAL        | PLATING/COLOR |
|------|----------------|-----------------|---------------|
| 1    | earth terminal | brass           | silver        |
| 2    | tip shunt      | brass           | silver        |
| 3    | tip spring     | phosphor bronze | silver        |
| 4    | ring shunt     | phosphor bronze | silver        |
| 5    | ring shunt     | brass           | silver        |
| 6    | barrel         | brass           | nickel        |
| 7    | housing        | PBT [UL94V-0]   | black         |
| 8    | nut            | brass           | nickel        |
| 9    | washer         | brass           | nickel        |



| Model No. | SJ-63083A | SJ-63083D   |
|-----------|-----------|-------------|
| Schematic |           |             |
| PIN       |           |             |
| 1         | sleeve    | sleeve      |
| 2         | NP        | tip switch  |
| 3         | tip       | tip         |
| 4         | ring      | ring        |
| 5         | NP        | ring switch |



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.



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

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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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