

**SERIES:** SJ-6304 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- through hole
- right angle
- 3 conductor
- 2 isolated switches
- DPDT switches in SJ-63043F
- threaded with nut

**PART NUMBER KEY****SJ-6304 3 X**

Base Number

Switch Options:  
F = DPDT switches  
H = 2 isolated switches (N-C)**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                              |     |       |     |        |

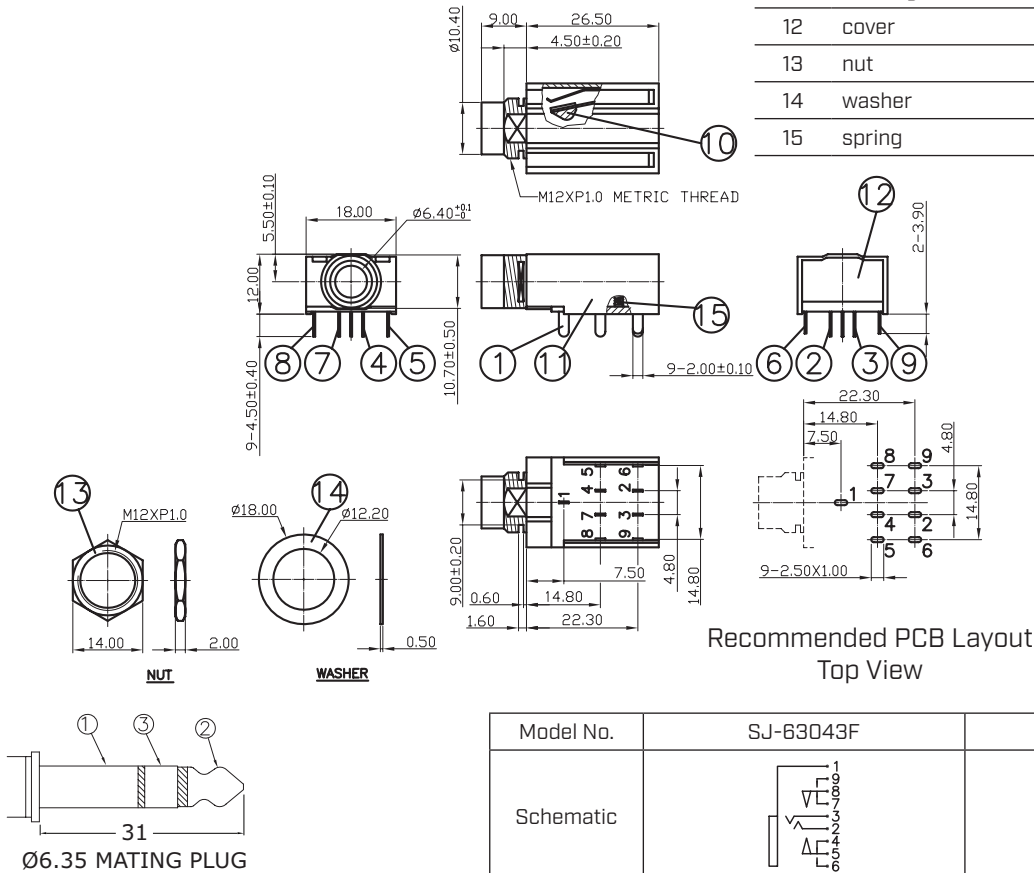
**SOLDERABILITY**

| 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    | phosphor bronze | silver        |
| 2    | tip spring        | phosphor bronze | silver        |
| 3    | ring spring       | phosphor bronze | silver        |
| 4    | break terminal    | brass           | silver        |
| 5    | transfer terminal | phosphor bronze | silver        |
| 6    | make terminal     | phosphor bronze | silver        |
| 7    | break terminal    | brass           | silver        |
| 8    | transfer terminal | phosphor bronze | silver        |
| 9    | make terminal     | phosphor bronze | silver        |
| 10   | insulator         | POM [UL94HB]    | black         |
| 11   | housing           | PBT [UL94V-0]   | black         |
| 12   | cover             | PC [UL94V-2]    | transparent   |
| 13   | nut               | steel           | nickel        |
| 14   | washer            | steel           | nickel        |
| 15   | spring            | SWP             |               |



| Model No. | SJ-63043F                    | SJ-63043H                    |
|-----------|------------------------------|------------------------------|
| Schematic |                              |                              |
| PIN       |                              |                              |
| 1         | sleeve                       | sleeve                       |
| 2         | tip                          | tip                          |
| 3         | ring                         | ring                         |
| 4         | isolated break terminal 1    | isolated break terminal 1    |
| 5         | isolated transfer terminal 1 | isolated transfer terminal 1 |
| 6         | isolated make terminal 1     | NP                           |
| 7         | isolated break terminal 2    | isolated break terminal 2    |
| 8         | isolated transfer terminal 2 | isolated transfer terminal 2 |
| 9         | isolated make terminal 2     | NP                           |

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.



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