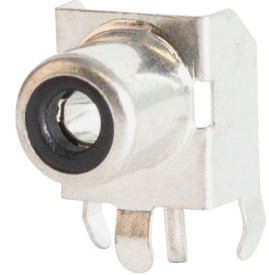
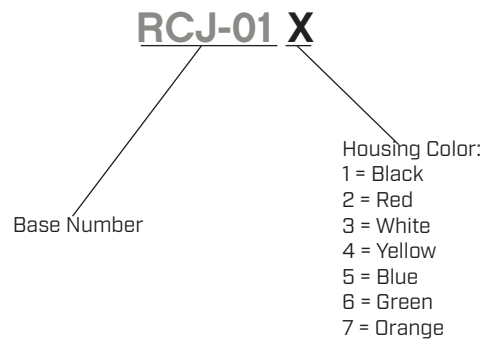


**SERIES:** RCJ-01 | **DESCRIPTION:** RCA JACK**FEATURES**

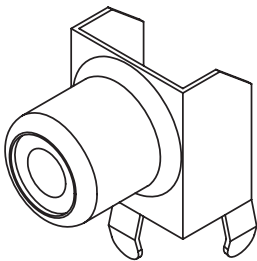
- through hole
- right angle

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

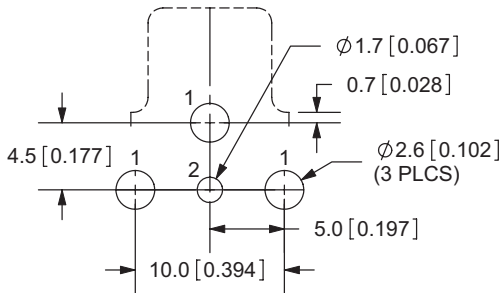
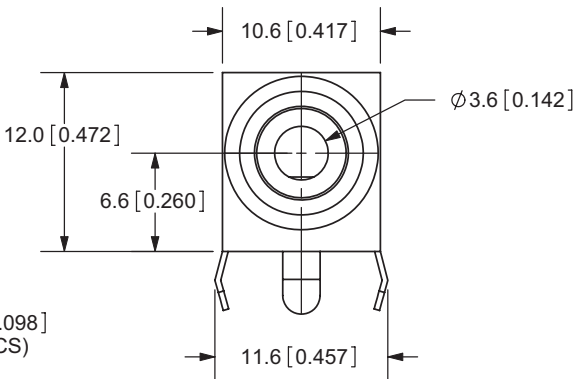
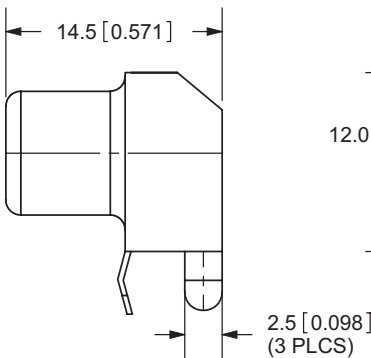
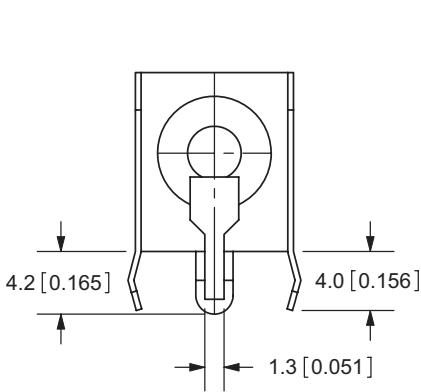
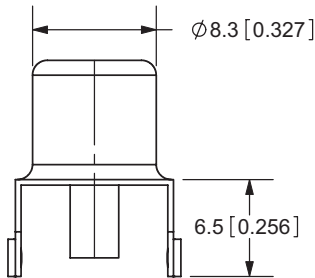
| parameter             | conditions/description               | min | typ   | max | units  |
|-----------------------|--------------------------------------|-----|-------|-----|--------|
| rated voltage         |                                      |     | 12    |     | Vdc    |
| rated current         |                                      |     |       | 1   | A      |
| contact resistance    | at 1 kHz less than 100 mA            |     |       | 30  | mΩ     |
| insulation resistance | at 500 Vdc                           | 100 |       |     | MΩ     |
| voltage withstand     | for 1 minute                         |     |       | 500 | Vac    |
| insertion force       | with mating plug                     |     |       | 3   | kgf    |
| withdrawal force      | with mating plug                     | 0.4 |       |     | kgf    |
| operating temperature |                                      | -40 |       | 85  | °C     |
| storage temperature   |                                      | -40 |       | 85  | °C     |
| life                  | at a rate of 20-30 cycles per minute |     | 1,500 |     | cycles |
| hand soldering        | for 3 ±0.5 seconds                   | 340 | 350   | 360 | °C     |
| flammability rating   | UL94V-0                              |     |       |     |        |
| RoHS                  | yes                                  |     |       |     |        |

MECHANICAL DRAWING

units: mm[inch]  
tolerance: ±0.3 mm



|           | MATERIAL | PLATING |
|-----------|----------|---------|
| terminals | brass    | tin     |
| shell     | iron     | tin     |
| insulator | PA9T     |         |



Recommended PCB Layout  
Top View

|           |        |
|-----------|--------|
| Model No. | RCJ-01 |
| Schematic |        |

REVISION HISTORY

| rev. | description                           | date       |
|------|---------------------------------------|------------|
| 1.0  | initial release                       | 06/04/2007 |
| 1.01 | added shell cut                       | 01/30/2008 |
| 1.02 | changed to PA9T plastic, brand update | 11/07/2019 |
| 1.03 | logo, datasheet style update          | 11/21/2022 |
| 1.04 | 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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