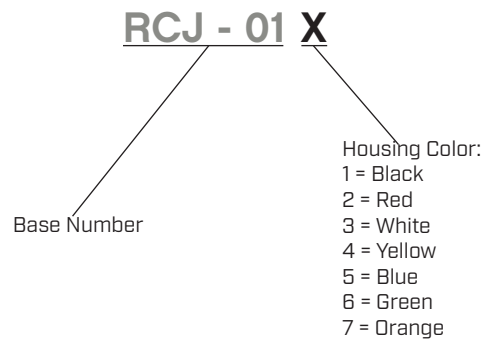


**SERIES:** RCJ-01 | **DESCRIPTION:** RCA JACK**FEATURES**

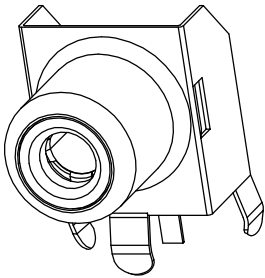
- through hole
- right angle

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

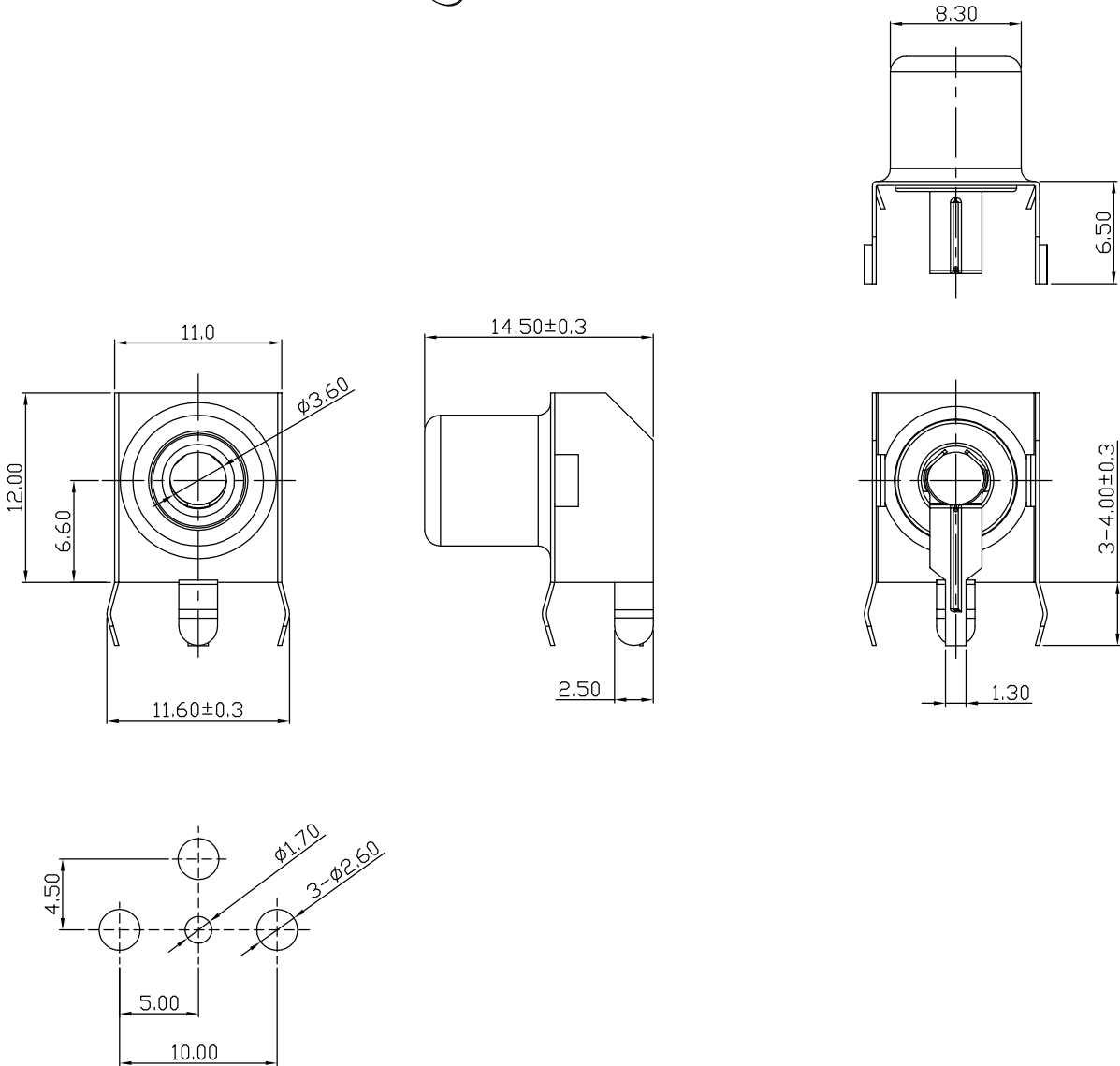
parameter	conditions/description	min	typ	max	units
rated voltage			24		Vdc
rated current				1	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force	with mating plug	0.4		3	kgf
withdrawal force	with mating plug	0.4		3	kgf
operating temperature		-40		85	°C
storage temperature		-40		85	°C
life			1,500		cycles
hand soldering	for 3 ±0.5 seconds	340	350	360	°C
flammability rating	UL94V-0				
RoHS	yes				

MECHANICAL DRAWING

units: mm
tolerance:
X, ±0.50 mm
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.10 mm
unless otherwise specified



	MATERIAL	PLATING
terminals	brass	tin
shell	brass	tin
insulator 1	PA10T (UL94V-0)	black
insulator 2	PBT (UL94V-0)	see color code



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
1.05	factory location change	06/22/2026
1.06	updated drawing	08/12/2026

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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