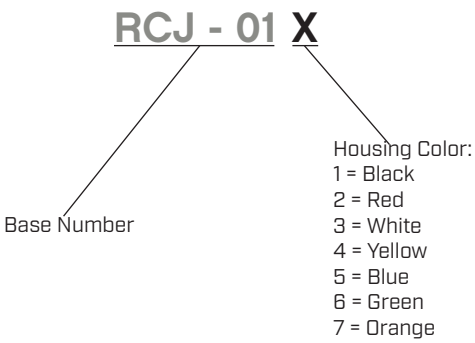
SERIES: RCJ-01 | DESCRIPTION: RCA JACK

FEATURES

- through hole
- right angle

RoHS

PART NUMBER KEY

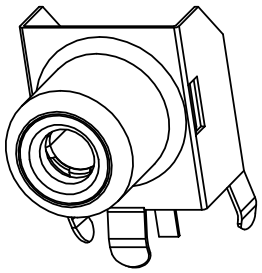


SPECIFICATIONS

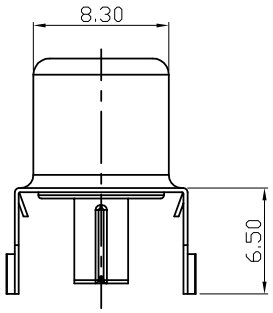
parameter	conditions/description	min	typ	max	units
rated voltage			24		Vdc
rated current				1	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force	with mating plug	0.4		3	kgf
withdrawal force	with mating plug	0.4		3	kgf
operating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

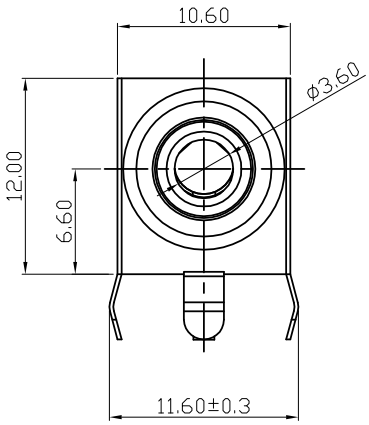
MECHANICAL DRAWING

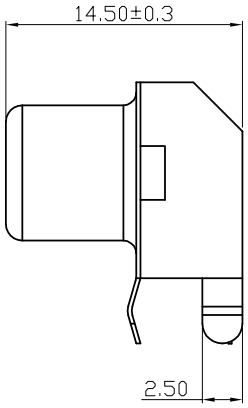
units: mm
tolerance:
X. ±0.50 mm
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.10 mm
unless otherwise specified

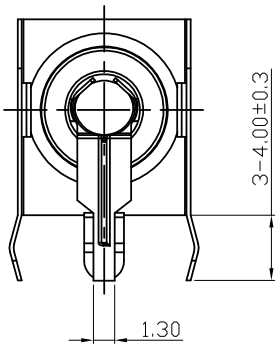


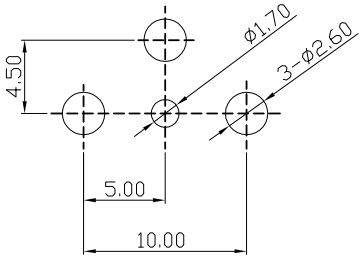
	MATERIAL	PLATING
terminals	brass	tin
shell	brass	tin
insulator 1	PA10T (UL94V-0)	black
insulator 2	PBT (UL94V-0)	see color code



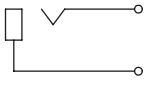








Recommended PCB Layout
Top View

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

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