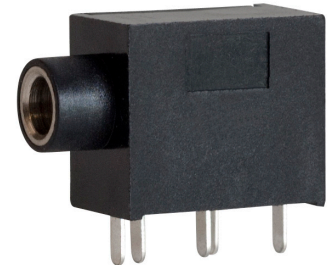




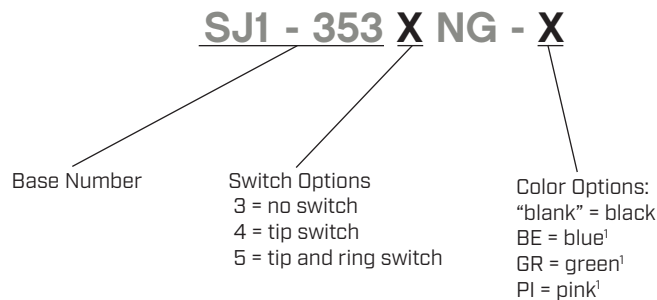
## SERIES: SJ1-353XNG | DESCRIPTION: AUDIO JACK

### FEATURES

- low profile design
- switch options include:
  - no switch
  - tip switch
  - tip and ring switch



### PART NUMBER KEY



Note: <sup>1</sup>. Tip and ring switch option only.

### SPECIFICATIONS

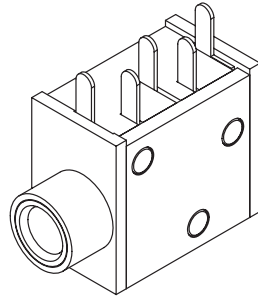
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

### SOLDERABILITY

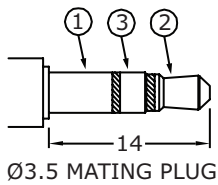
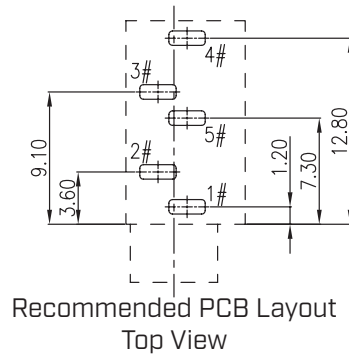
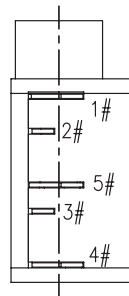
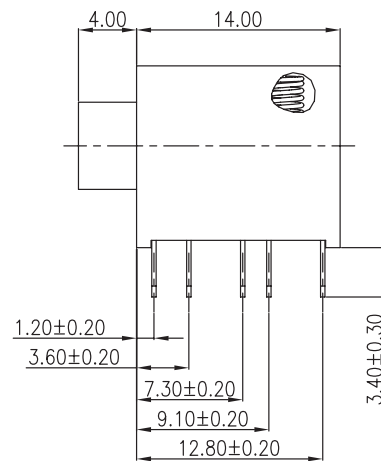
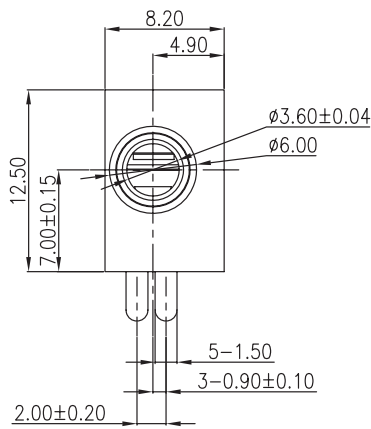
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5±0.5 seconds	255	260	265	°C

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X.  $\pm 0.50$  mm  
 X.X  $\pm 0.30$  mm  
 X.XX  $\pm 0.20$  mm  
 PCB:  $\pm 0.05$  mm  
 unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass t=0.3 mm	tin
terminal 2	brass t=0.3 mm	tin
terminal 3	copper alloy	tin
terminal 4	brass t=0.3 mm	tin
terminal 5	brass t=0.3 mm	tin
bushing	brass	nickel
spring	carbon steel	
housing	PBT (UL94V-0)	see page 1 options
cover	PBT (UL94V-0)	see page 1 options



Model No.	SJ1-3533NG	SJ1-3534NG	SJ1-3535NG
Schematic			
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	ring	ring	ring
4	NP	tip switch	tip switch
5	NP	NP	ring switch

## REVISION HISTORY

rev.	description	date
1.0	initial release	06/04/2007
1.01	new template applied	01/25/2012
1.02	updated product picture	04/18/2013
1.03	brand update	10/10/2019
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	08/10/2022

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



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

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