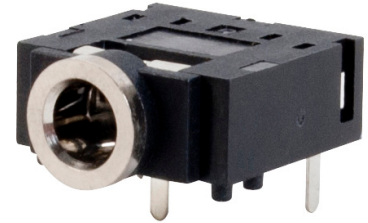
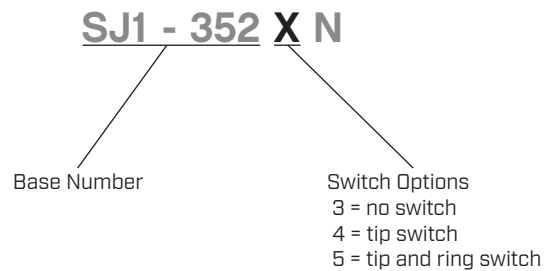


SERIES: SJ1-352XN | **DESCRIPTION:** AUDIO JACK

FEATURES

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

**PART NUMBER KEY**

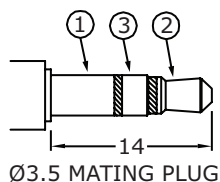
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	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				

units: mm
tolerance:
X.X ± 0.3 mm
X.XX ± 0.25 mm
X.XXX ± 0.20 mm
PCB: ± 0.05 mm
unless otherwise specified

The technical drawings illustrate the dimensions and layout of the PCB connector assembly:

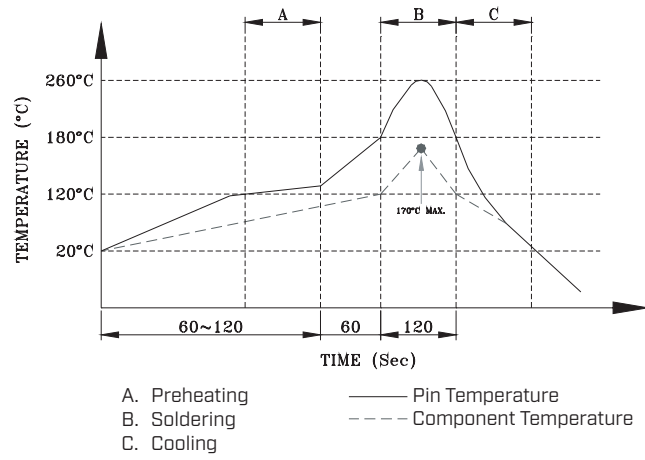
- Top View:** Shows the overall dimensions of the connector. The total width is 12.0, and the total height is 5.00. The central circular feature has a diameter of $\phi 3.60^{+0.1}_{-0.05}$. The distance between the two main mounting holes is 10.0, and the distance between the two side mounting holes is 5.0. The distance from the top edge to the center of the mounting holes is 3.0, and the distance from the bottom edge to the center of the mounting holes is 2.50. The distance from the side edge to the center of the mounting holes is 1.00.
- Side View:** Shows the profile of the connector. The total height is 11.0. The distance from the top edge to the center of the mounting holes is 3.30. The distance from the bottom edge to the center of the mounting holes is 1.30. The distance from the side edge to the center of the mounting holes is 3.5. The distance from the bottom edge to the center of the mounting holes is 8.5. The distance from the side edge to the center of the mounting holes is 5-1.00.
- Recommended PCB Layout Top View:** Shows the layout of the PCB. The total width is 9.0, and the total height is 8.5. The distance between the two main mounting holes is 5.0. The distance between the two side mounting holes is 1.00. The distance from the top edge to the center of the mounting holes is 3.50, and the distance from the bottom edge to the center of the mounting holes is 1.00. The distance from the side edge to the center of the mounting holes is 1.00. The distance from the bottom edge to the center of the mounting holes is 8.5. The distance from the side edge to the center of the mounting holes is 5-1.5x0.8. The distance from the side edge to the center of the mounting holes is 5- $\phi 1.20$. The distance from the side edge to the center of the mounting holes is 5-1.00.



Model No.	SJ1-3523N	SJ1-3524N	SJ1-3525N
Schematic			
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	ring	ring	ring
10	NP	tip switch	tip switch
11	NP	NP	ring switch

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	for max 5 seconds	255	260	265	°C



REVISION HISTORY

rev.	description	date
1.0	initial release	09/06/2006
1.01	new template applied	02/15/2012
1.02	updated datasheet	10/03/2017
1.03	changed terminal plating to silver	02/12/2019
1.04	brand update	10/09/2019
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	10/05/2022

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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