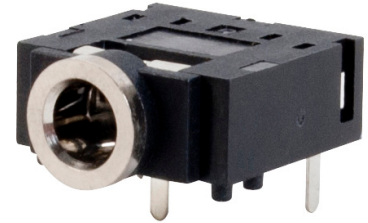
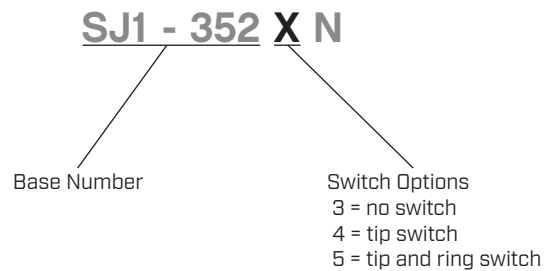


SERIES: SJ1-352XN | **DESCRIPTION:** AUDIO JACK

FEATURES

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

**PART NUMBER KEY**

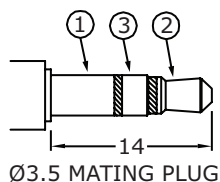
**SPECIFICATIONS**

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:

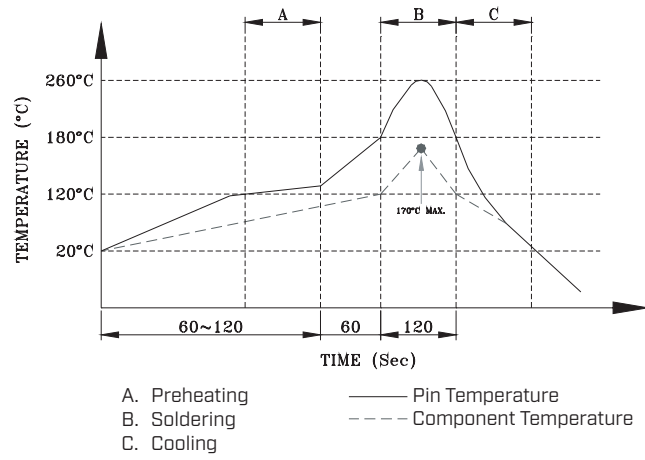
- Top View:** Shows a circular connector with a diameter of $\phi 3.60^{+0.1}_{-0.05}$. The overall width is 12.0, and the height is 5.00. The distance from the center to the mounting holes is 10.0, and the distance between the mounting holes is 5.0. The mounting holes have a diameter of $\phi 0.90(\pm 0.05)$. The distance from the center to the mounting holes is 12.0, and the distance between the mounting holes is 5.0. The mounting holes have a diameter of $\phi 0.90(\pm 0.05)$.
- Side View:** Shows the profile of the connector with a total height of 11.0. The distance from the top to the mounting holes is 3.30, and the distance from the mounting holes to the bottom is 1.30. The mounting holes have a diameter of $\phi 6.00$. The distance from the center to the mounting holes is 3.5, and the distance between the mounting holes is 8.5. The mounting holes have a diameter of $\phi 6.00$.
- Bottom View:** Shows the underside of the connector with a total width of 9.0 and a total height of 8.5. The distance from the center to the mounting holes is 3.50, and the distance between the mounting holes is 1.00. The mounting holes have a diameter of $\phi 0.90(\pm 0.05)$.
- Recommended PCB Layout (Top View):** Shows the layout of the PCB with a total width of 10.0 and a total height of 8.5. The distance from the center to the mounting holes is 5.0, and the distance between the mounting holes is 1.00. The mounting holes have a diameter of $\phi 1.20$. The distance from the center to the mounting holes is 5.0, and the distance between the mounting holes is 1.00. The mounting holes have a diameter of $\phi 1.20$.



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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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