

**date** 10/05/2022

page 1 of 4

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

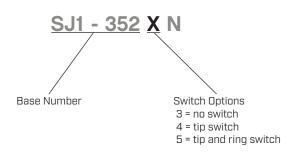
#### **FEATURES**

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





## **PART NUMBER KEY**

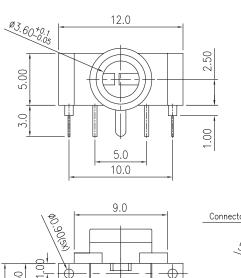


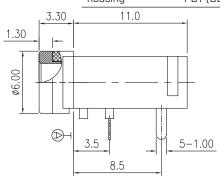
### **SPECIFICATIONS**

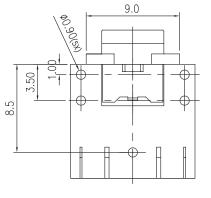
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-O				
RoHS	yes				

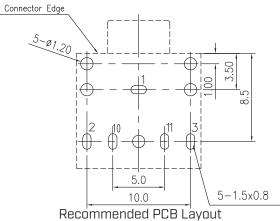
## **MECHANICAL DRAWING**

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

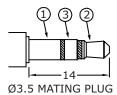








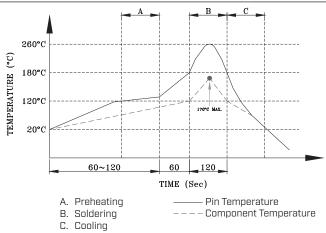
Top View



Model No.	SJ1-3523N	SJ1-3524N	SJ1-3525N
Schematic	°1 °3 °3	○1 ○3 ○10 ○2	01 03 011 010 02
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.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices 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.