

Additional Resources: Product Page | 3D Model | PCB Footprint

date 09/12/2024

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

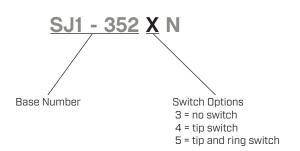
#### **FEATURES**

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





### **PART NUMBER KEY**



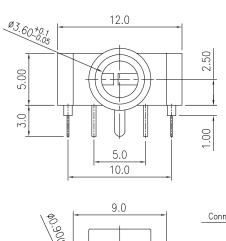
#### **SPECIFICATIONS**

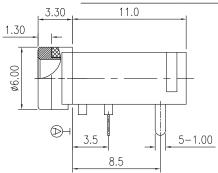
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal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

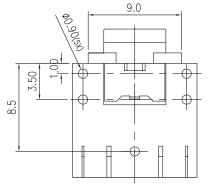
### **MECHANICAL DRAWING**

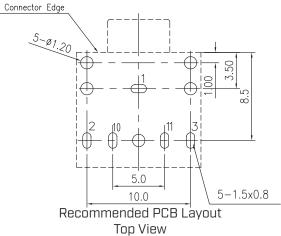
units: mm tolerance: X.X ±0.3 mm X.XX ±0.25 mm X.XXX ±0.20 mm PCB: ±0.05 mm unless otherwise specified

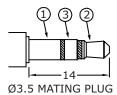
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy t=0.20	silver over nickel
terminal 2	stainless steel t=0.20	silver over nickel
terminal 3	stainless steel t=0.20	silver over nickel
terminal 10	brass t=0.40	silver over nickel
terminal 11	brass t=0.40	silver over nickel
bushing	brass	nickel
housing	PBT (UL94V-0)	black







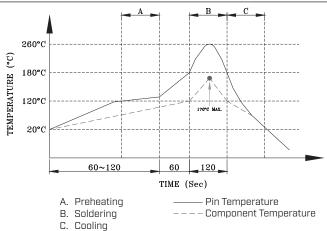




Model No.	SJ1-3523N	SJ1-3524N	SJ1-3525N	
Schematic	°1 °3 °3	°10	01 03 011 010 02	
PIN				
1	sleeve	sleeve	sleeve	
2	tip	tip	tip	
3	ring	ring	ring	
10	NP	tip switch	tip switch	
11	NP	NP	ring switch	

# **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	
1.06	CUI Devices rebranded to Same Sky	09/12/2024	

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



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

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