# **CUI** DEVICES

Additional Resources: Product Page

**date** 01/31/2020

page 1 of 3

SERIES: SJ1-354XN | DESCRIPTION: AUDIO JACK

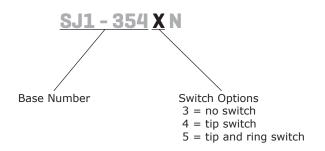
#### **FEATURES**

- ring and tip switch options
- metal bushing
- kinked pins





## **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	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
RoHS	yes				

## **SOLDERABILITY**

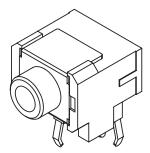
\*When measured at a current of less than 100 mA / 1 kHz

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for $5\pm0.5$ seconds at	255	260	265	°C

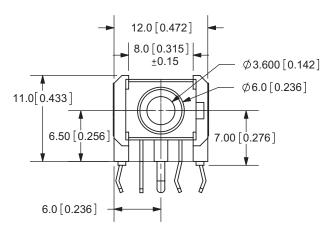
## **MECHANICAL DRAWING**

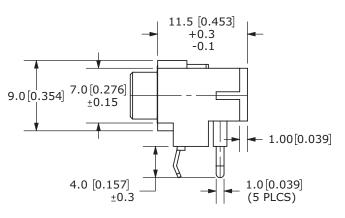
units: mm[inches]

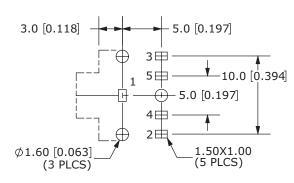
TOLERANCE:  $X.X \pm 0.2mm$  $X.XX \pm 0.1mm$  $X.XXX \pm 0.05mm$ 

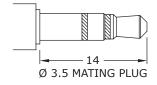


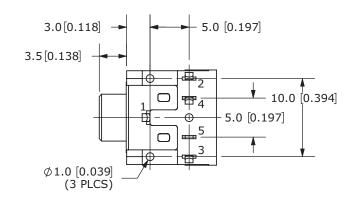
	MATERIAL	PLATING
terminal 1	cold rolled steel	nickel
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
terminal 4	brass	tin
terminal 5	brass	tin
bushing	brass	nickel
spring	stainless steel	
plastic	PBT	











Model No.	SJ1-3543N	SJ1-3544N	SJ1-3545N
Schematic	°1 °3 °3	01 03 04 02	01 03 05 04 02
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	10/27/2005
1.01	new template applied	02/02/2012
1.02	brand update	01/31/2020

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

## **CUI** DEVICES

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