

**date** 10/24/2022

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# SERIES: SJ1-354X | DESCRIPTION: AUDIO JACK

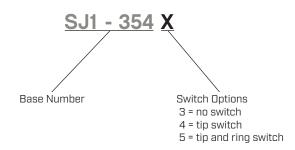
#### **FEATURES**

- PCB mount
- stereo
- · right angle with kinked pins
- threaded with nut
- metal bushing





## **PART NUMBER KEY**

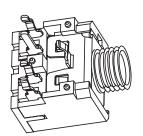


### **SPECIFICATIONS**

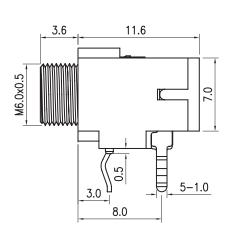
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal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

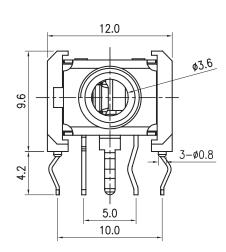
## **MECHANICAL DRAWING**

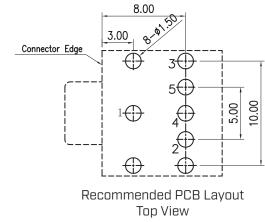
units: mm tolerance: X.X ±0.3 mm X.XX ±0.25 mm X.XXX ±0.20 mm PCB: ±0.05 mm unless otherwise specified

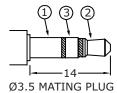


DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	C2680 t=0.30	silver
terminal 2	C5191 t=0.30	silver
terminal 3	C5191 t=0.30	silver
terminal 4	C2680 t=0.40	silver
terminal 5	C2680 t=0.40	silver
bushing	copper alloy	tin over copper
cover	PBT (UL94V-0)	black
housing	PBT (UL94V-0)	black







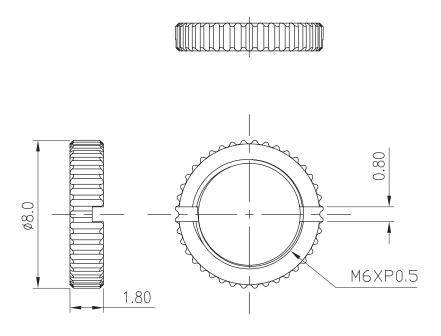


Model No.	SJ1-3543	SJ1-3544	SJ1-3545	
Schematic	°1 °3 °3	01 03 04 02	01 03 05 04 02	
PIN				
1	sleeve	sleeve	sleeve	
2	tip	tip	tip	
3	ring	ring	ring	
4	NP	tip switch	tip switch	
5	NP	NP	ring switch	

# **MECHANICAL DRAWING (CONTINUED)**

units: mm tolerance: ±0.3 mm unless otherwise specified

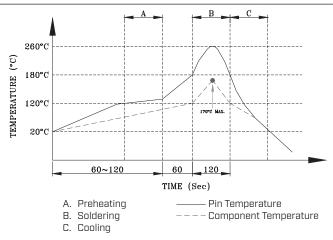
DESCRIPTION	MATERIAL	PLATING/COLOR
nut	HPB59-3	nickel





### **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	02/07/2006	
1.01	new template applied	04/12/2012	
1.02	brand update	01/31/2020	
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	10/24/2022	

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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