

**date** 06/30/2023

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# SERIES: SJ1-351X | DESCRIPTION: AUDIO JACK

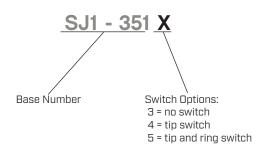
#### **FEATURES**

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





## **PART NUMBER KEY**



### **SPECIFICATIONS**

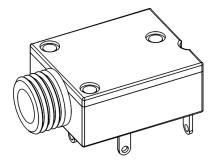
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal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

## **SOLDERABILITY**

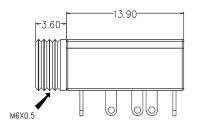
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

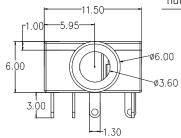
# **MECHANICAL DRAWING**

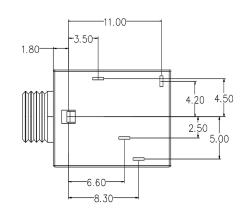
units: mm tolerance: X.X ±0.2 mm X.XX ±0.10 mm X.XXX ±0.050 mm unless otherwise specified

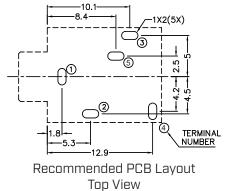


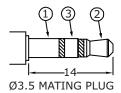
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass t=0.3	silver
terminal 2	phosphor bronze t=0.3	silver
terminal 3	brass t=0.3	silver
terminal 4	brass t=0.3	silver
terminal 5	phosphor bronze t=0.3	silver
bushing	brass	nickel
spring	steel	black
cover	PBT (UL94V-0)	black
housing	PBT (UL94V-0)	black
nut	zinc alloy	tin











Model No.	SJ1-3513	SJ1-3514	SJ1-3515
Schematic	01 03 03	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	09/09/2006	
1.01	new template applied	09/10/2011	
1.02	nut drawing added	01/25/2012	
1.03	changed top cover to PBT	04/19/2017	
1.04	changed terminal plating to silver	02/12/2019	
1.05	brand update	10/09/2019	
1.06	product reengineered for improved manufacturability and production yield, see PCN for details	06/30/2023	

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



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