CUI DEVICES

date 01/31/2020

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SERIES: SJ-4351X | DESCRIPTION: AUDIO JACK

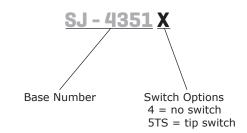
FEATURES

- PCB mount
- plastic bushing
- low profile design





PART NUMBER KEY



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				300	mA
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		0.4		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
RoHS	yes				

SOLDERABILITY

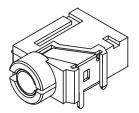
*When measured at a current of less than 100 mA / 1 kHz

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

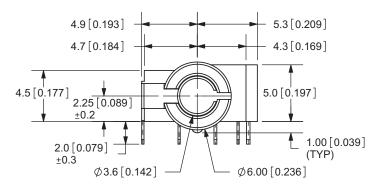
MECHANICAL DRAWING

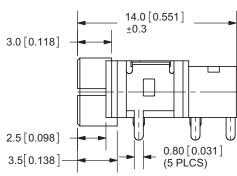
units: mm[inches]

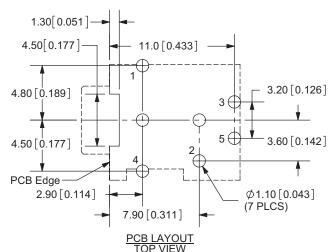
TOLERANCE: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

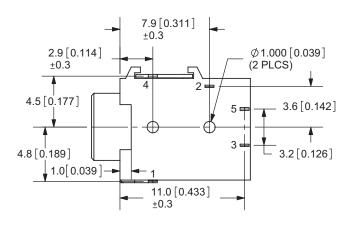


	MATERIAL	PLATING
terminal 1	phosphor bronze	gold
terminal 2	titanium copper	tin
terminal 3	phosphor bronze	tin
terminal 4	phosphor bronze	tin
terminal 5	brass	tin
plastic	PA66	



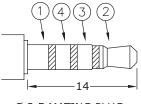






NOTE: Tolerance for PCB Layout is ± 0.05mm

Model No.	SJ-43514	SJ-43515TS	
Schematic	°4 °2 °3 °1	0 4 0 2 0 5 0 5 0 3	
PIN			
1	sleeve	sleeve	
2	tip	tip	
3	ring 1	ring 1	
4	ring 2	ring 2	
5	NP	tip switch	



Ø 3.5 MATING PLUG

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

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REVISION HISTORY

rev.	description	date
1.0	initial release	05/01/2006
1.01	new template applied	02/21/2012
1.02	pin numbering changed	03/09/2012
1.03	added notch to pcb layout	04/05/2012
1.04	updated drawing	06/05/2012
1.05	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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