

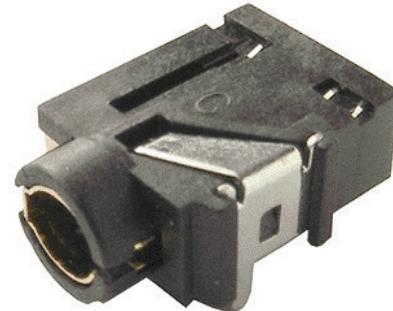
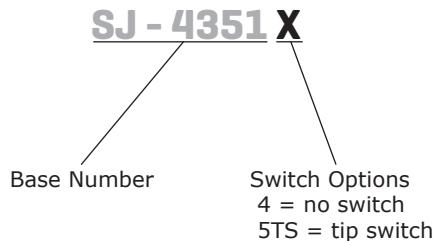
CUI DEVICES

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		50 30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
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				

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

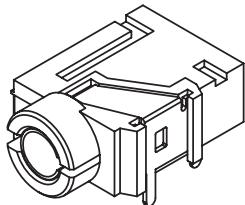
SOLDERABILITY

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

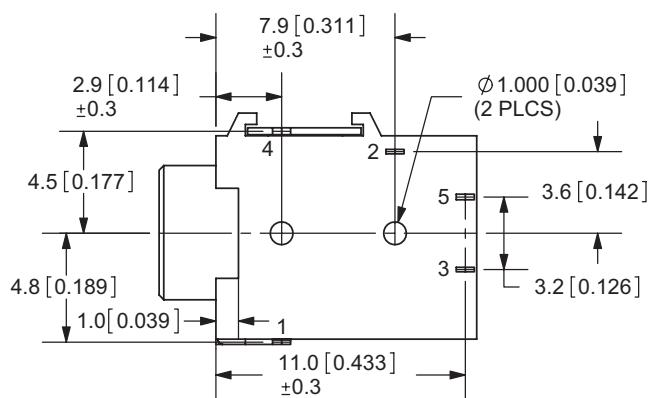
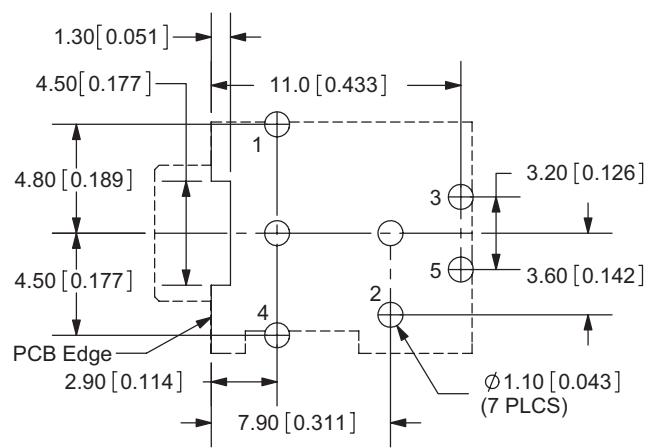
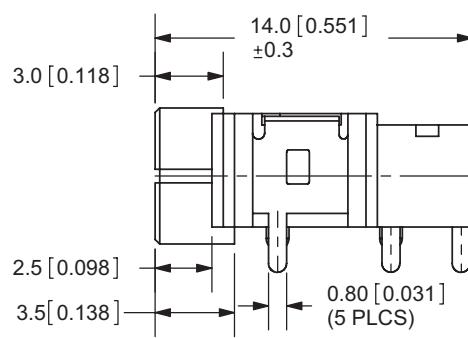
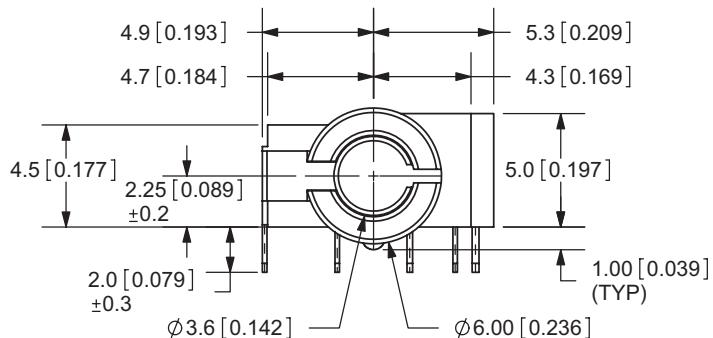
MECHANICAL DRAWING

units: mm[inches]

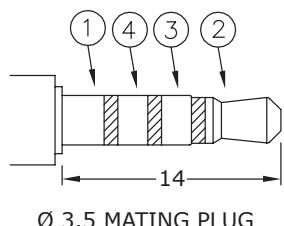
TOLERANCE:

X.X ± 0.2mm
X.XX ± 0.1mm
X.XXX ± 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		
PIN		
1	sleeve	sleeve
2	tip	tip
3	ring 1	ring 1
4	ring 2	ring 2
5	NP	tip switch

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.



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