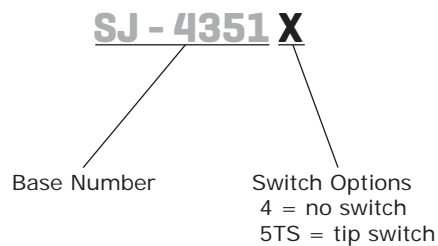


**SERIES:** SJ-4351X | **DESCRIPTION:** 3.5 MM AUDIO JACK
**FEATURES**

- 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			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawl force		0.4		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles

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

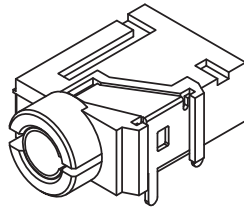
**SOLDERABILITY**

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

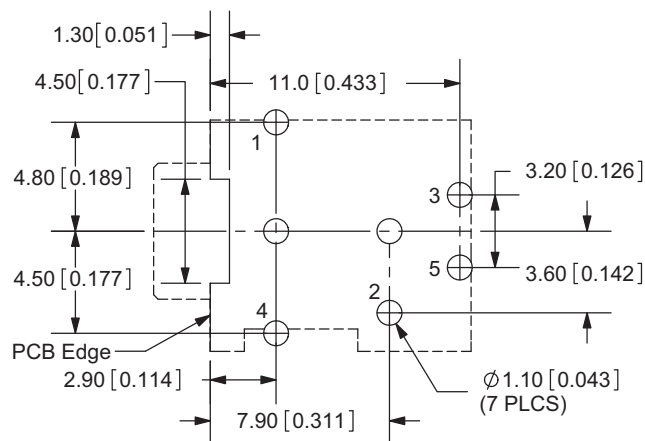
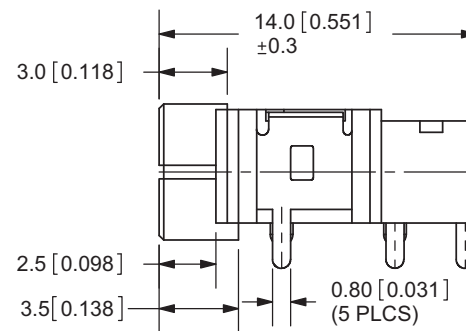
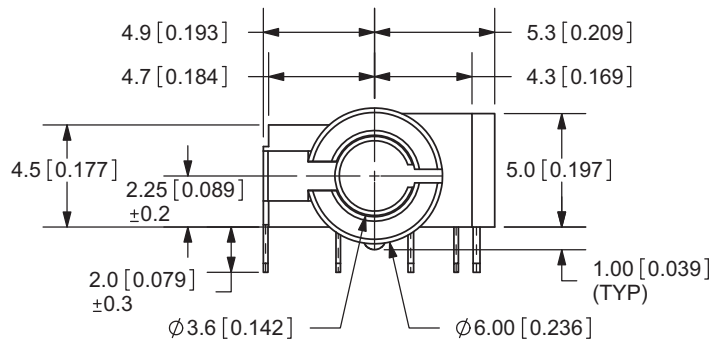
## MECHANICAL DRAWING

units: mm[inches]

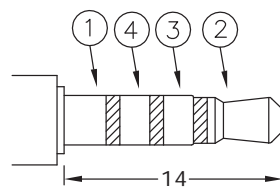
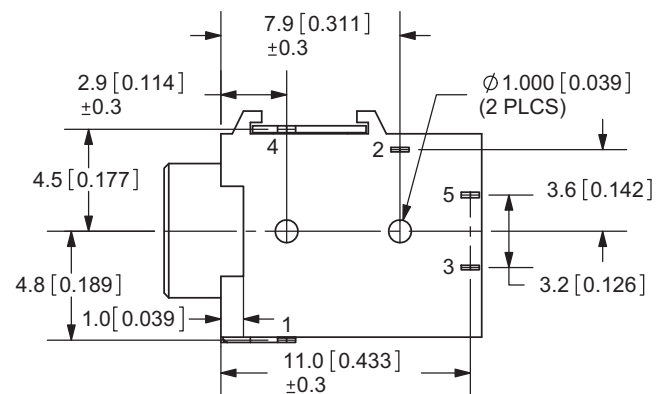
TOLERANCE:

X.X  $\pm 0.2$ mmX.XX  $\pm 0.1$ mmX.XXX  $\pm 0.05$ mm

	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	



PCB LAYOUT  
TOP VIEW

NOTE: Tolerance for PCB Layout is  $\pm 0.05$ mm

$\phi 3.5$  MATING PLUG

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

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



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