

**date** 04/12/2012

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SERIES: SJ1-354X | DESCRIPTION: 3.5 MM AUDIO JACK

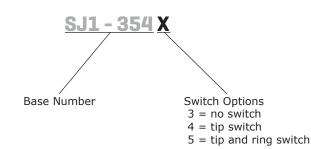
#### **FEATURES**

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





# **PART NUMBER KEY**



### **SPECIFICATIONS**

<u> </u>					
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	mΩ mΩ
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawl force		0.3		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

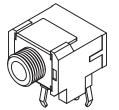
# **SOLDERABILITY**

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

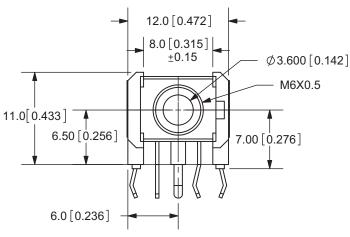
## **MECHANICAL DRAWING**

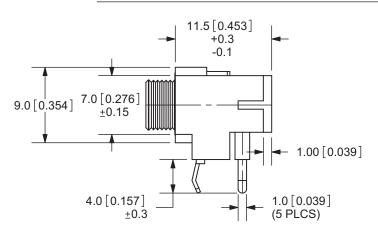
units: mm[inches]

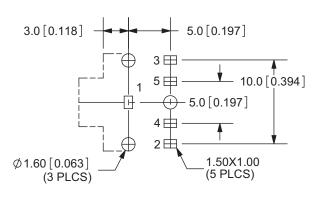
TOLERANCE:  $X.X \pm 0.2mm$  $X.XX \pm 0.1mm$  $X.XXX \pm 0.05mm$ 



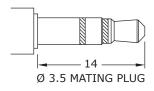
	MATERIAL	PLATING
terminal 1	cold rolled steel	nickel
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
terminal 4	brass	tin
terminal 5	brass	tin
bushing	brass	nickel
plastic	PBT	

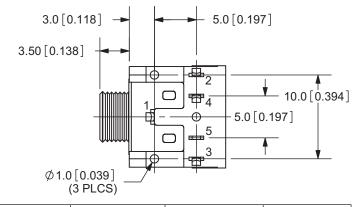




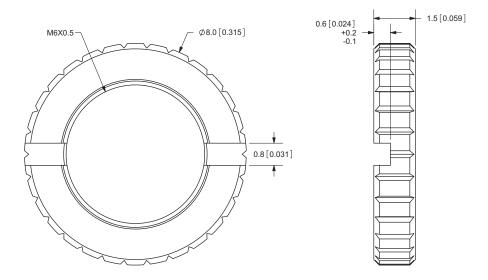


PCB LAYOUT TOP VIEW





Model No.	SJ1-3543	SJ1-3544	SJ1-3545
Schematic	°1 °3 °2	01 03 04 02	01 03 05 04 04
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	02/07/2006
1.01	new template applied	04/12/2012

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



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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