

**date** 11/09/2012

page 1 of 3

# **SERIES:** SJ-352X-SMT | **DESCRIPTION:** 3.5 MM AUDIO JACKS

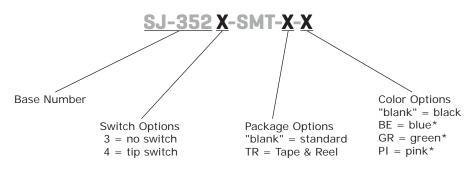
#### **FEATURES**

- low profile design
- switch options include:
- no switch
- tip switch





### **PART NUMBER KEY**



\*tip switch model only

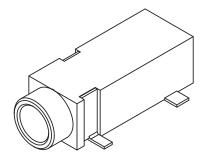
### **SPECIFICATIONS**

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 <sup>1</sup>			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
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

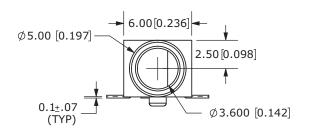
Notes: 1. When measured at a current of less than 100 mA / 1 kHz

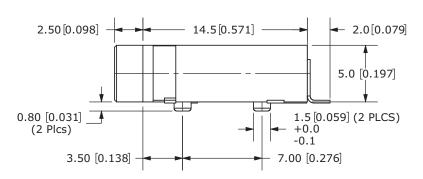
units: mm[inches]

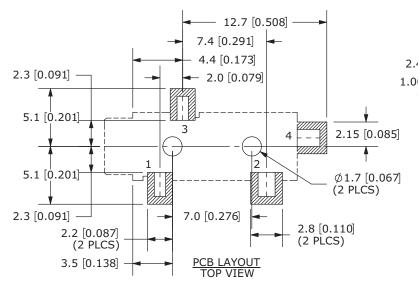
TOLERANCE:  $X.X \pm 0.2mm$  $X.XX \pm 0.1mm$  $X.XXX \pm 0.05mm$ 

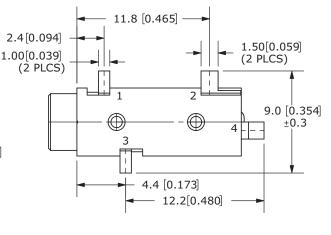


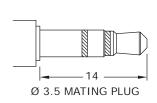
	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 10	brass	silver
plastic	PA6T	







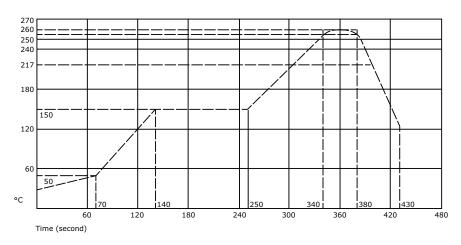




Model No.	SJ-3523-SMT	SJ-3524-SMT	
Schematic	°1 °3 °2	01 03 04 04 02	
PIN			
1	sleeve	sleeve	
2	tip	tip	
3	ring	ring	
4	NP	tip switch	

### **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



## **REVISION HISTORY**

rev.	description	date
1.0	initial release	02/07/2006
1.01	new template applied	01/25/2012
1.02	added TR package and color options	11/01/2012

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



**Headquarters** 20050 SW 112th Ave. Tualatin, OR 97062 **800.275.4899** 

Fax 503.612.2383 **cui**.com techsupport@cui.com

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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.