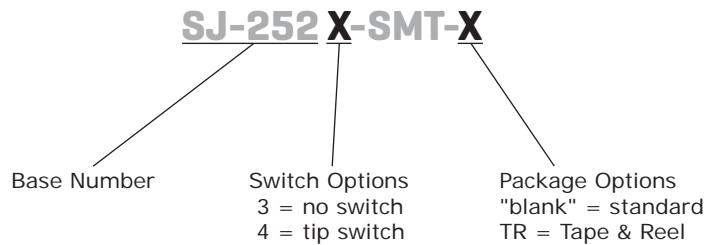


SERIES: SJ-252X-SMT | DESCRIPTION: 2.5 MM AUDIO JACKS
FEATURES

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


PART NUMBER KEY

SPECIFICATIONS

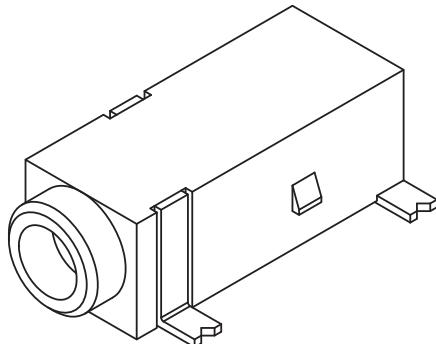
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current			1		A
contact resistance	between terminal and mating plug between terminal in a closed circuit ¹		50 30		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute		500		Vac
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

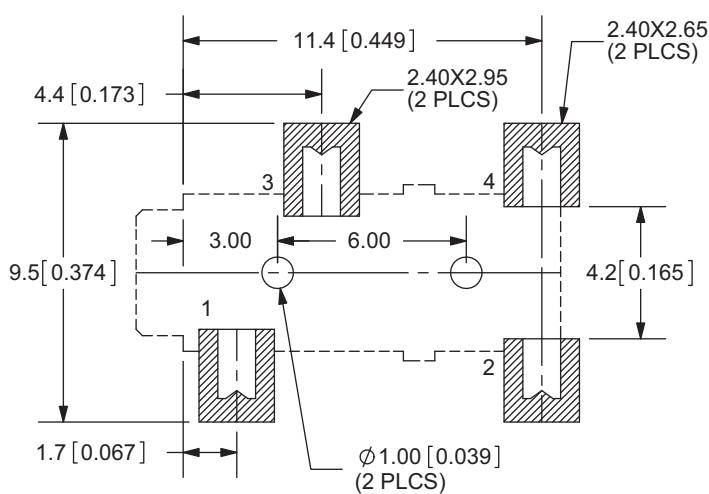
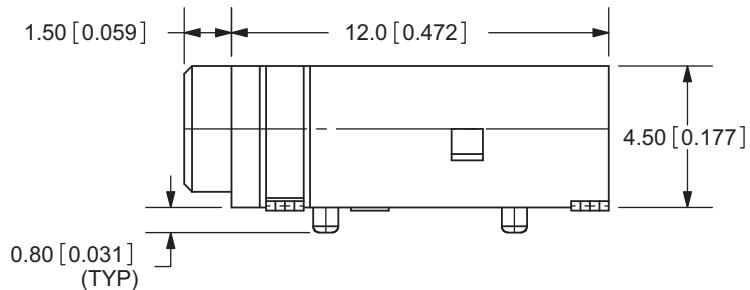
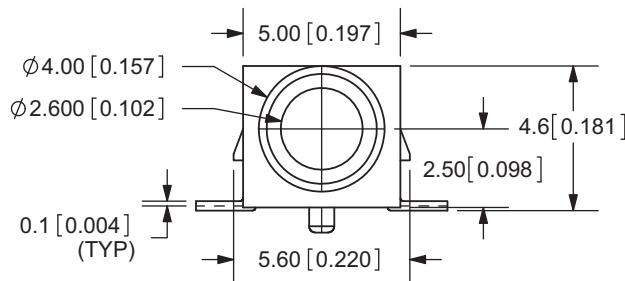
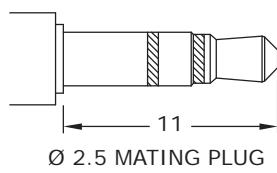
MECHANICAL DRAWING

units: mm[inches]

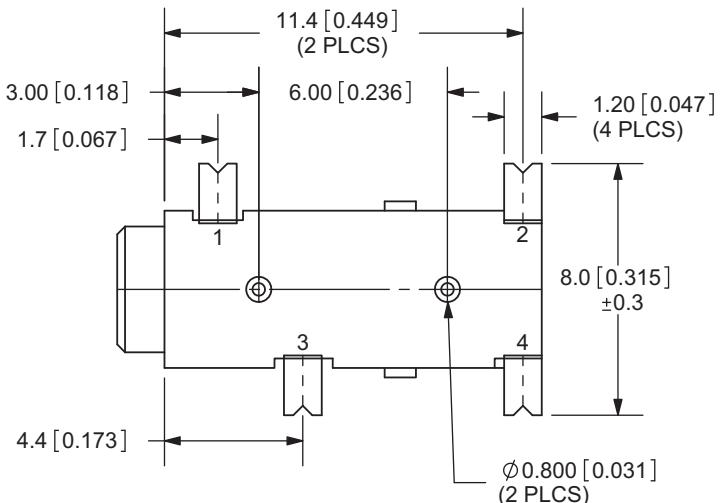
TOLERANCE:

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

	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	brass	silver
plastic	PA6T	

PCB LAYOUT
TOP VIEW

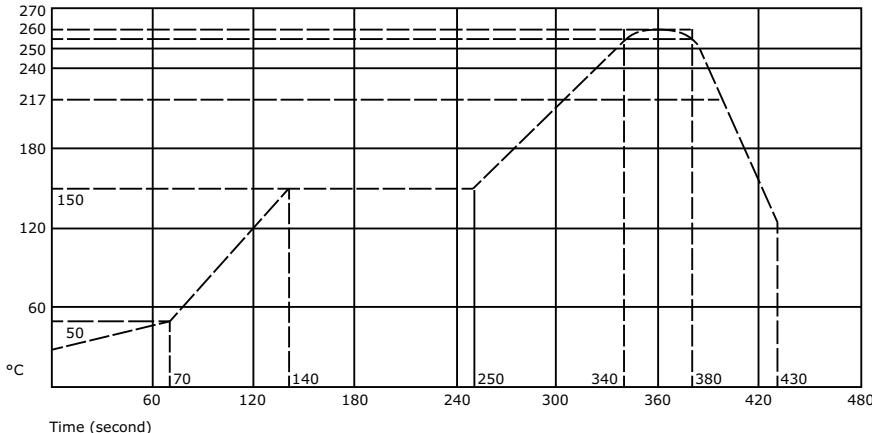
Ø 2.5 MATING PLUG



Model No.	SJ-2523-SMT	SJ-2524-SMT
Schematic		
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	11/09/2005
1.01	new template applied	01/30/2012
1.02	added TR package option	11/01/2012

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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