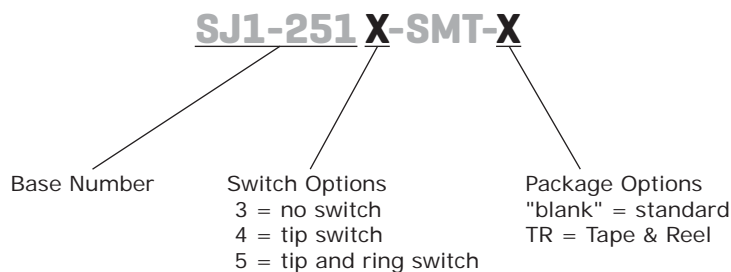


SERIES: SJ1-251X-SMT | **DESCRIPTION:** 2.5 MM AUDIO JACKS
FEATURES

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

**PART NUMBER KEY****SPECIFICATIONS**

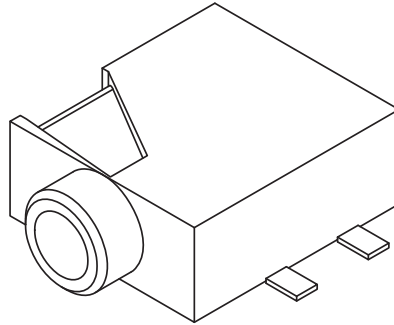
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit ¹			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500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

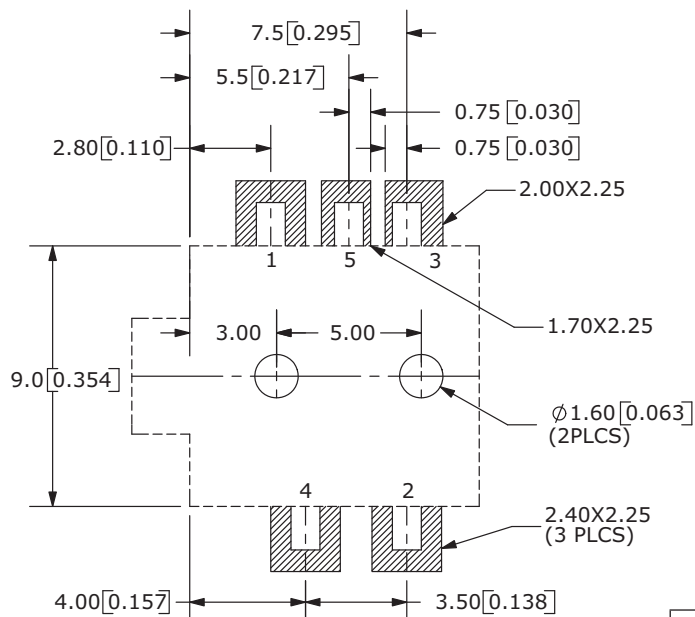
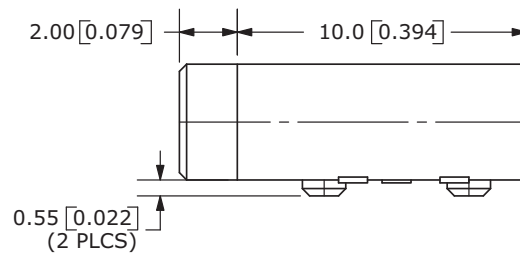
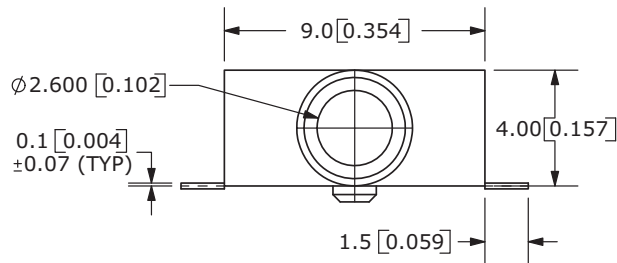
MECHANICAL DRAWING

units: mm[inches]

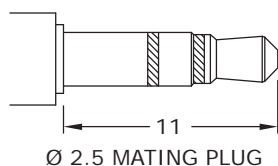
TOLERANCE:
 X.X ± 0.2 mm
 X.XX ± 0.1 mm
 X.XXX ± 0.05 mm



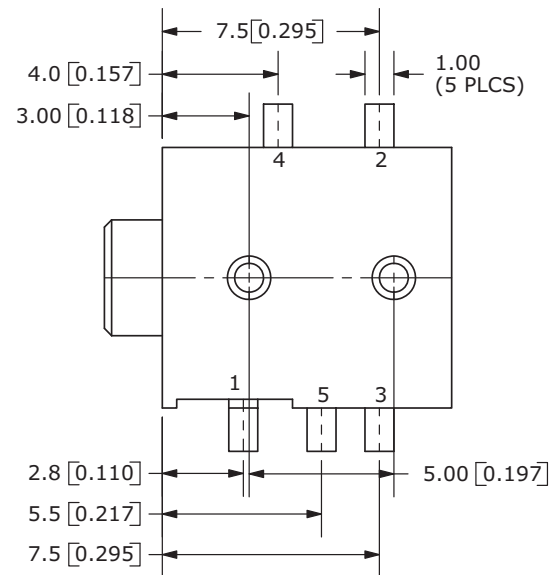
	MATERIAL	PLATING
terminal 1	copper alloy	gold
terminal 2	copper alloy	gold
terminal 3	copper alloy	gold
terminal 4	brass	gold
terminal 5	brass	gold
plastic	PA6T	



PCB LAYOUT
TOP VIEW



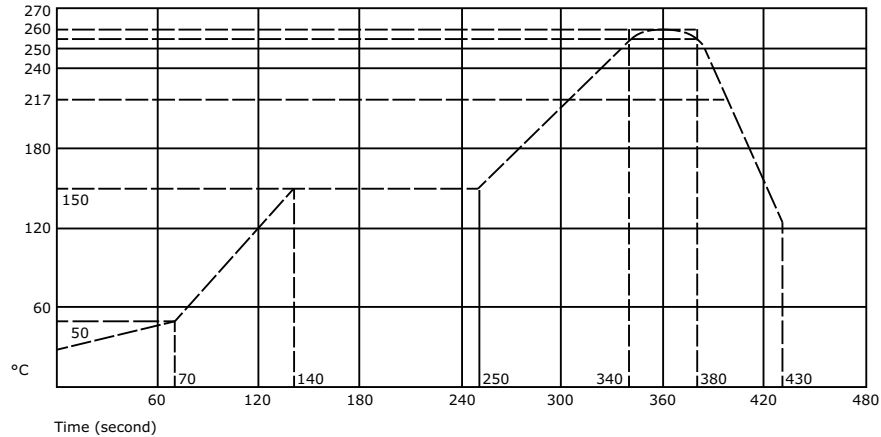
Ø 2.5 MATING PLUG



Model No.	SJ1-2513-SMT	SJ1-2514-SMT	SJ1-2515-SMT
Schematic			
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	ring	ring	ring
4	NP	tip switch	tip switch
5	NP	NP	ring 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 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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