

MODEL: SJ-3503-SMT | **DESCRIPTION:** MID MOUNT AUDIO JACK

FEATURES

- mid mount for low profile applications
- shielded
- two internal switches, tip and ring

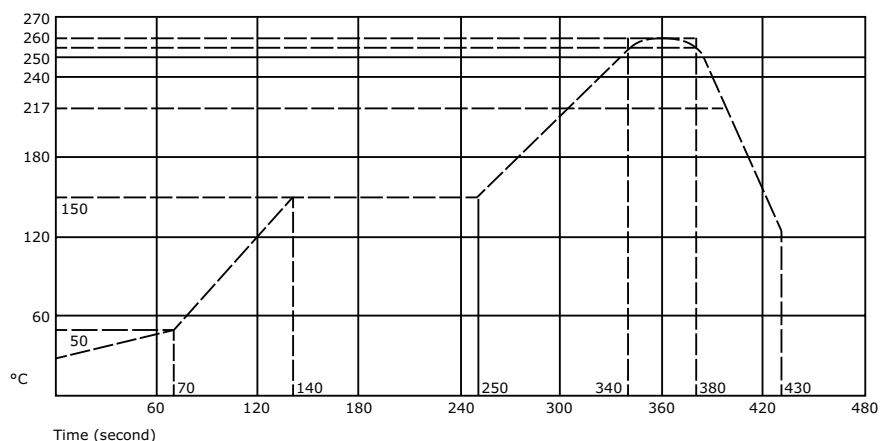

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

Notes: 1. When measured at a current of less than 100 mA / 1 kHz
2. Add suffix "-TR" to the model number for tape and reel packaging.

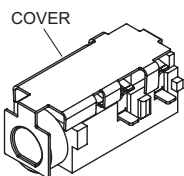
SOLDERABILITY

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

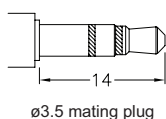
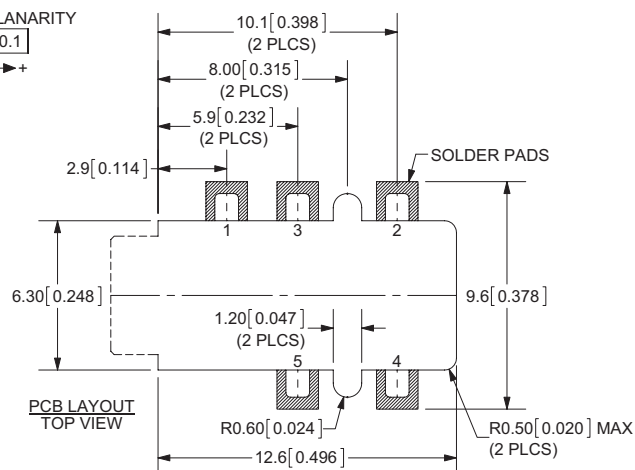
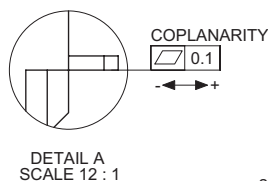
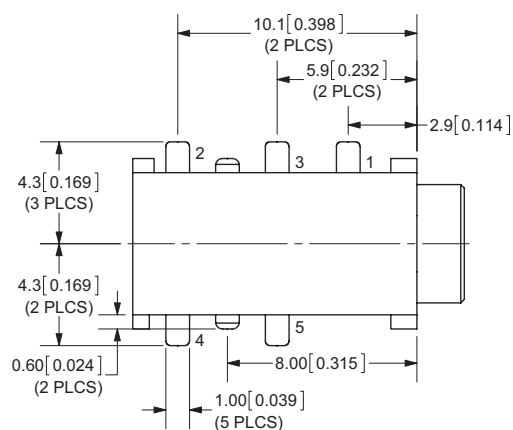
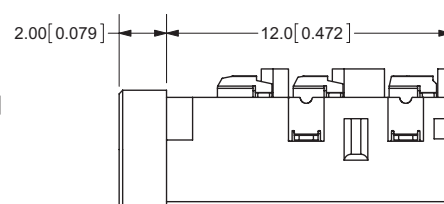
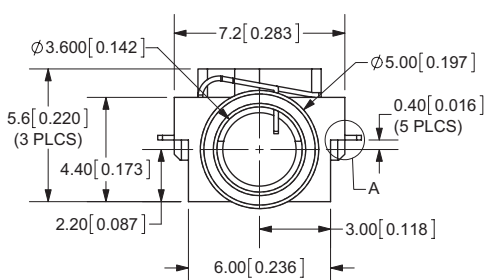
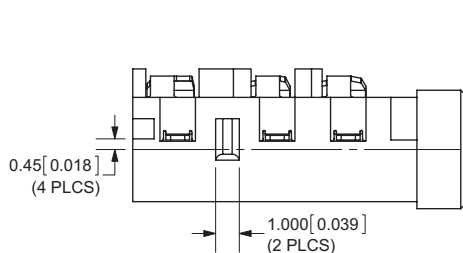
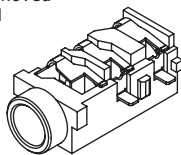


MECHANICAL DRAWING

units: mm[inches]

tolerance: X.X ± 0.2 mmX.XX ± 0.1 mmX.XXX ± 0.05 mm

Protective cover to be removed and should be considered scrap after connector is soldered to PCB.



Model No.	SJ-3503-SMT
Schematic	
PIN	
1	sleeve
2	tip
3	ring
4	tip switch
5	ring switch

	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	copper alloy	gold flash
terminal 3	copper alloy	gold flash
terminal 4	copper alloy	gold flash
terminal 5	copper alloy	gold flash
shield	stainless steel	
plastic	PA6T	

REVISION HISTORY

rev.	description	date
1.0	initial release	06/27/2011
1.01	added TR package option	11/28/2012
1.02	updated spec	10/08/2014

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



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