

**MODEL:** SJ-43504-SMT | **DESCRIPTION:** MID MOUNT AUDIO JACK
**FEATURES**

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

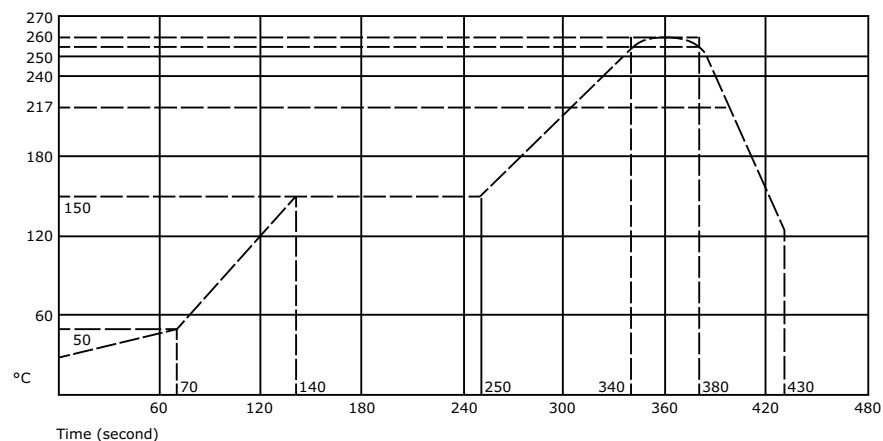
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit <sup>1</sup>			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
RoHS	yes				

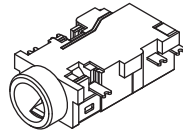
Notes: 1. When measured at a current of less than 100 mA / 1 kHz  
2. Add suffix "-TR" to the model number for tape and reel packaging.

**SOLDERABILITY**

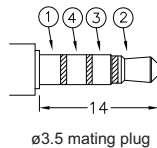
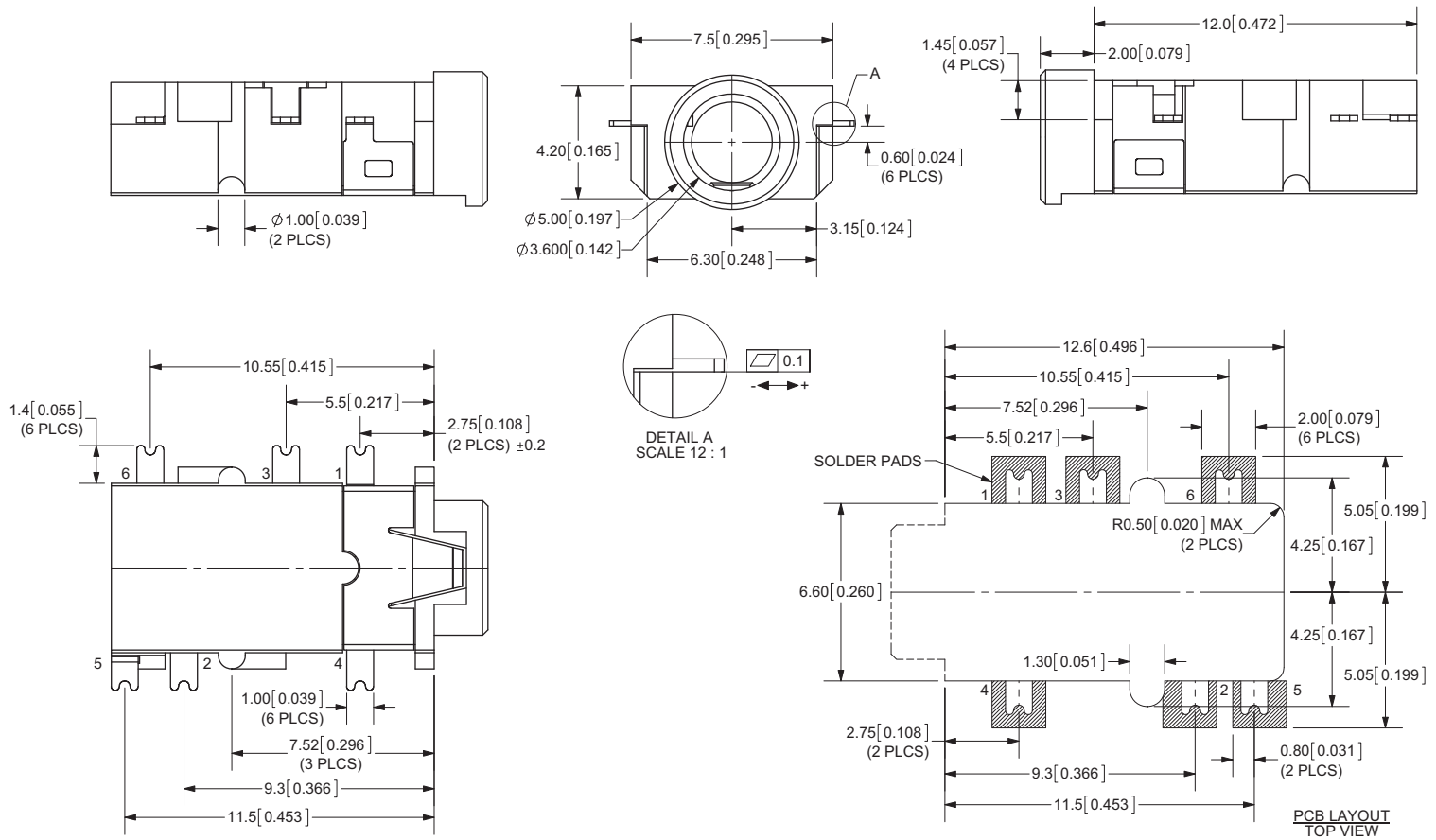
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



units: mm[inches]  
tolerance: X.X  $\pm 0.2$ mm  
              X.XX  $\pm 0.1$ mm  
              X.XXX  $\pm 0.05$ mm



	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
terminal 6	copper alloy	gold flash
plastic	PA6T	



Model No.	SJ-43504-SMT
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
5	tip switch
6	ring 1 switch

## REVISION HISTORY

rev.	description	date
1.0	initial release	06/28/2011
1.01	added TR package option, updated spec.	11/28/2012

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



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