

## **Excellent Integrated System Limited**

Stocking Distributor

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[CUI Inc.](#)  
[SJ-3501-SMT-TR](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**MODEL: SJ-3501-SMT | DESCRIPTION: MID MOUNT AUDIO JACK**

**FEATURES**

- mid mount for low profile applications
- dual tip contact configuration
- dual ring contact configuration



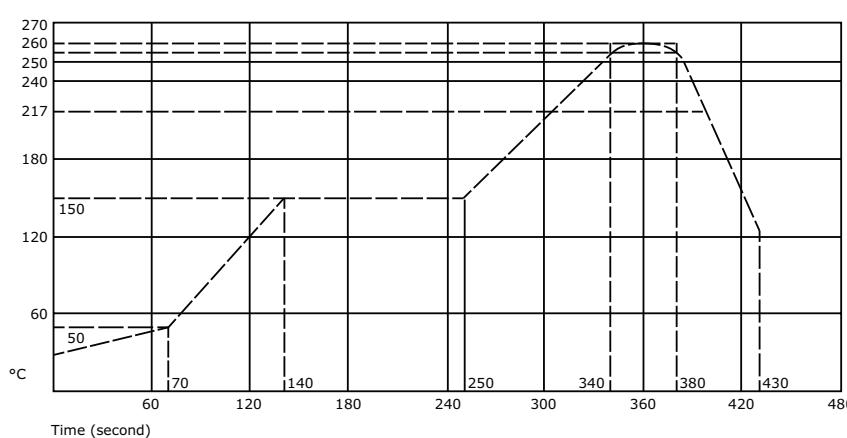
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current			1		A
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit	50 30		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

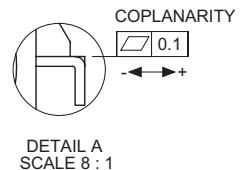
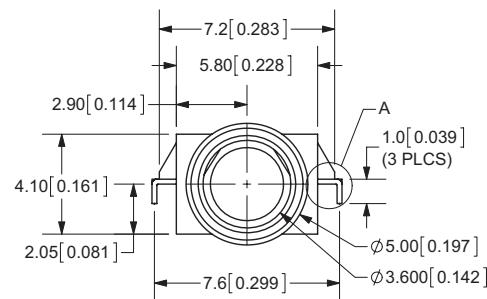
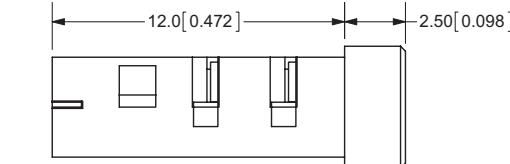
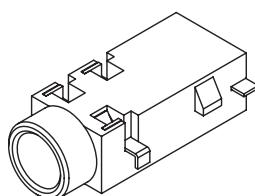


## MECHANICAL DRAWING

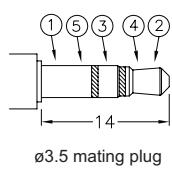
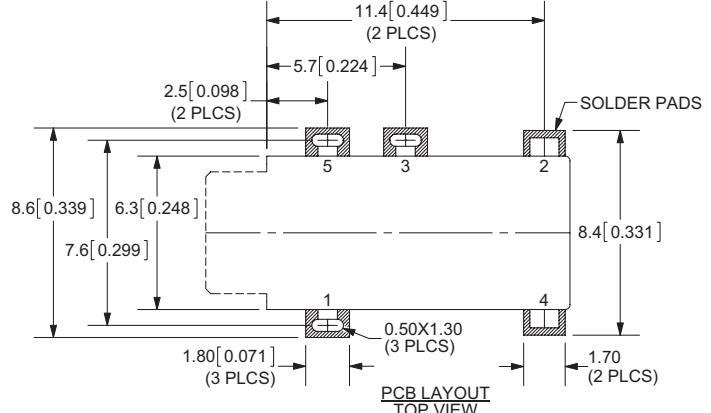
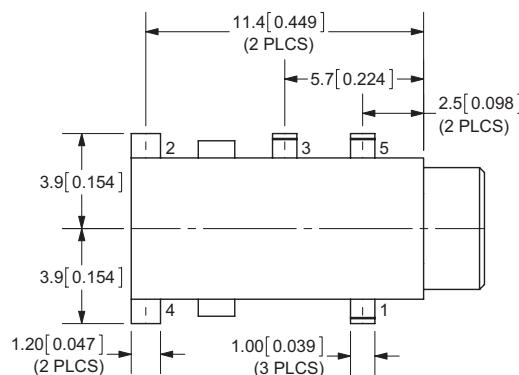
units: mm[inches]

tolerance:  $X.X \pm 0.2\text{mm}$   
 $X.XX \pm 0.1\text{mm}$   
 $X.XXX \pm 0.05\text{mm}$

	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
plastic	PA6T	



DETAIL A  
SCALE 8 : 1



Model No.	SJ-3501-SMT
Schematic	
PIN	
1	sleeve
2	tip
3	ring
4	tip
5	sleeve

**REVISION HISTORY**

rev.	description	date
1.0	initial release	06/09/2011
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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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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