

date 11/28/2012

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MODEL: SJ-3506-SMT | DESCRIPTION: MID MOUNT AUDIO JACK

FEATURES

- mid mount for low profile applications
- shielded
- Two switch configuration, one normally open, one isolated and normally closed



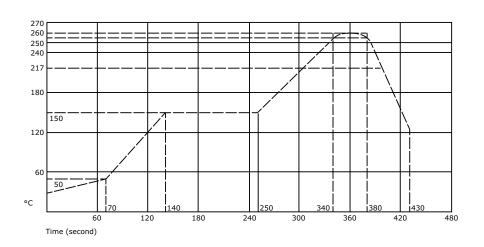
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	Α
contact resistance	between terminal and mating plug between terminal in a closed circuit ¹			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			МΩ
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:

SOLDERABILITY

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



^{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.

15.2[0.598]

-3.00[0.118]

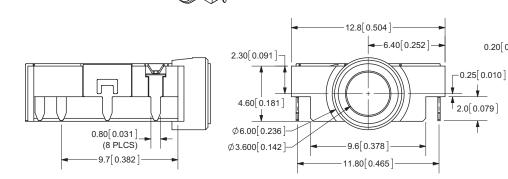
5.88 0.231 ±0.2. (2 PLCS) 9.0[0.354]

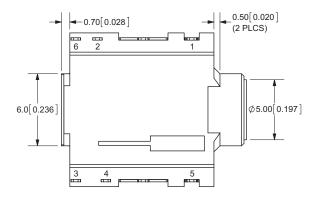
MECHANICAL DRAWING

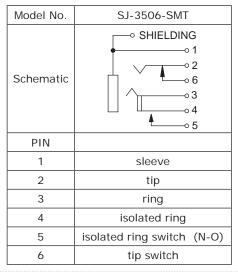


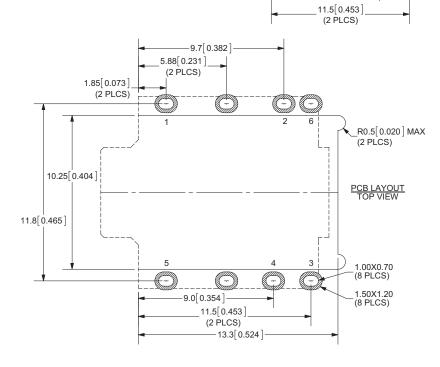
 $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

	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 Ifash
terminal 5	copper alloy	gold flash
terminal 6	copper alloy	gold flash
shield	copper alloy	nickel plated
bushing	brass	nickel plated
plastic	PA6T	









0.20[0.008]

0.50[0.020]

1.85[0.073]

±0.2 (2 PLCS)



REVISION HISTORY

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

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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