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CUI DEVICES

Additional Resources: Product Page

MODEL: SJ2-2503A-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

- · low profile design
- reflow solder compatible
- surface mount





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
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	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Note:

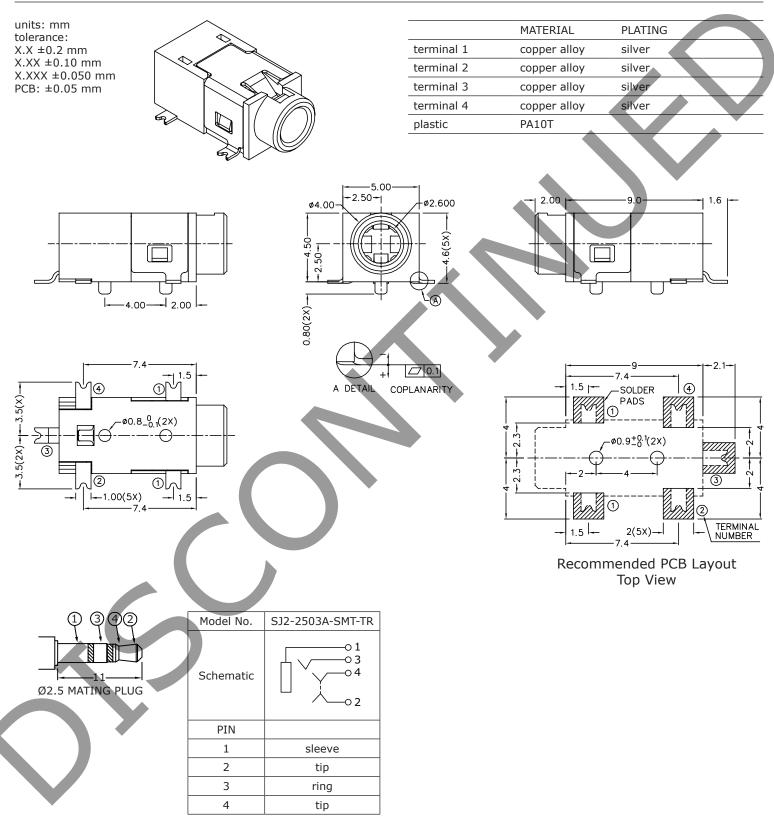
When measured at a current of less than 100 mA/1 kHz
All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering ³	see reflow profile	255	260	265	°C
drying conditions ⁴	parts in reel: bake at 40°C \pm 5°C for 72 hours parts removed from reel: bake at 40°C \pm 5°C for 10 h	ours			
Note: 3. It is recommended to reflow 4. When exceeding floor life by	solder within 72 hours from opening vacuum packaging at a temperature >72 hours.		re humidity <604	Υ	

MECHANICAL DRAWING

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PACKAGING

units: mm

Reel Size: Ø381 mm Reel QTY: 1,300 pcs per reel INPUT MATERIAL DIRECTION GATHER MATERIAL DIRECTION 75 ø381±5-ø1.5^{+0.1} COVER TAPE \odot \odot Θ Ō \odot \odot Ò Ó CARRIER TAPE R . П -24±0.3-0 A: Empty 160 mm min. B: Empty 100 mm min. \$[7 C: Cover 400 mm min. Ø1.5 MIN. ł 5.9 -LABEL PLASTIC REEL COVER TAPE JACK CARRIER TAPE LABEL REEL

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REVISION HISTORY

rev.	description	date
1.0	initial release	12/07/2016
1.01	added storage and drying conditions	06/07/2017
1.02	brand update	10/08/2019

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



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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