

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	2011/65/EU				

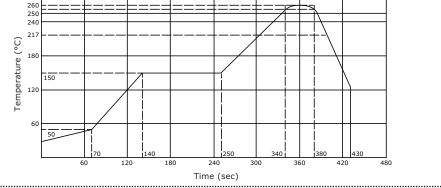
Note:

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

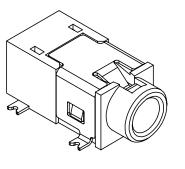
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parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%	at relative humidity <80% 40			°C
reflow soldering ³	see reflow profile	see reflow profile 255 260 265			
drying conditions ⁴	parts in reel: bake at 40°C \pm 5°C for 72 hours parts removed from reel: bake at 40°C \pm 5°C for 1	10 hours			
	ler within 72 hours from opening vacuum packaging at a temperature <30°C & reg floor life by >72 hours.	elative humidity <60)%.		
	270 260 240				

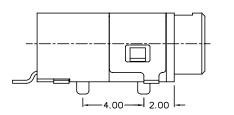


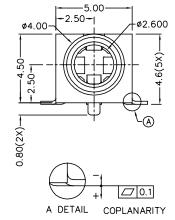
MECHANICAL DRAWING

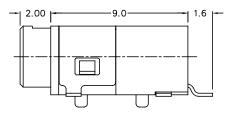
units: mm tolerance: X.X ± 0.2 mm X.XX ± 0.10 mm X.XXX ± 0.050 mm PCB: ± 0.05 mm

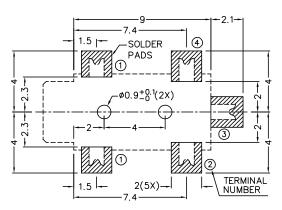


	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
plastic	PA10T	



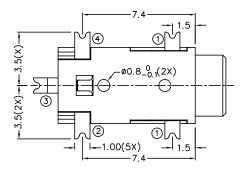


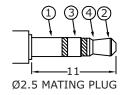




Recommended PCB Layout Top View

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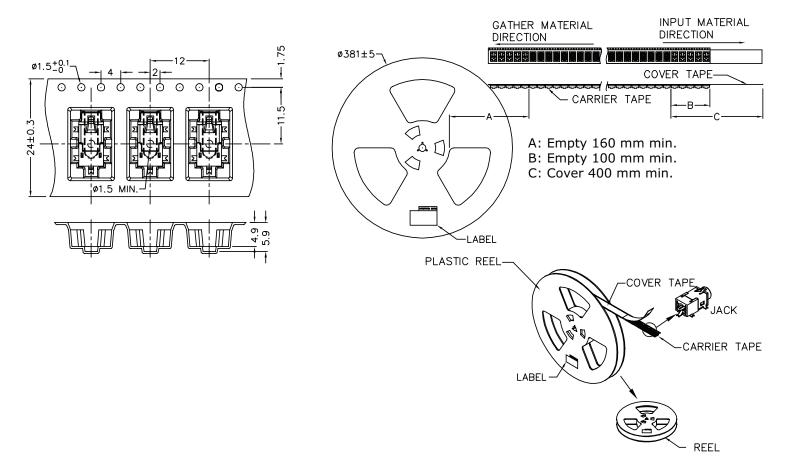
Model No.	SJ2-2503A-SMT-TR
Schematic	01 03 04 02
PIN	
1	sleeve
2	tip
3	ring
4	tip

PACKAGING

units: mm

Reel Size: Ø381 mm Reel QTY: 1,300 pcs per 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

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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