# **CUI** DEVICES

# MODEL: SJ2-25504D-SMT-TR | DESCRIPTION: AUDIO JACK

#### **FEATURES**

- gold flash terminal plating
- ring and tip switch
- low profile design
- reflow solder compatible

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# **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance <sup>1</sup>	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				

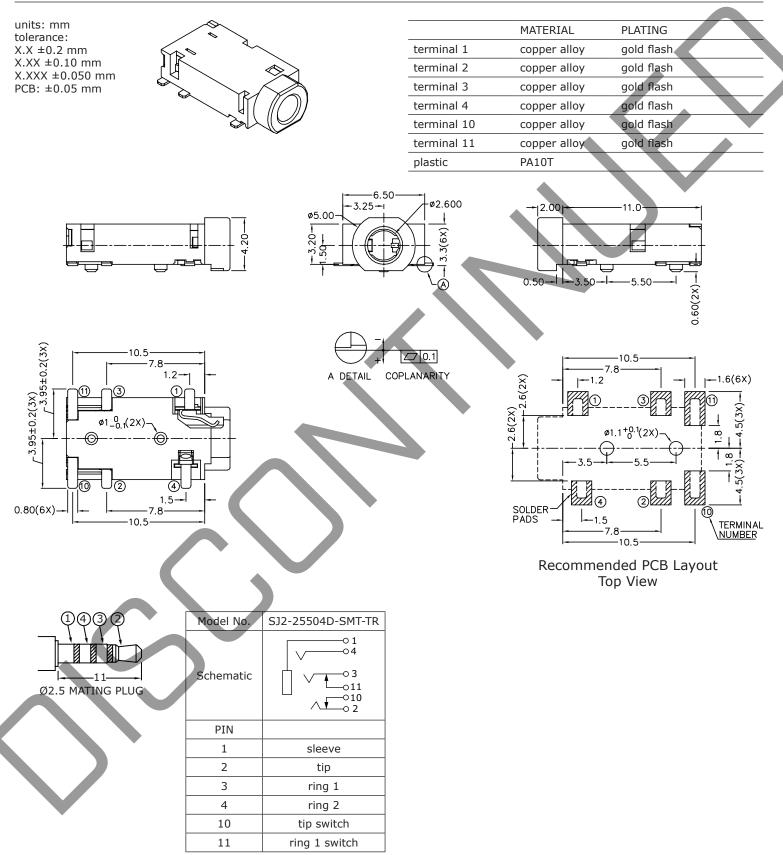
1. When measured at a current of less than 100 mA/1 kHz 2. All specifications measured at 10~35°C, humidity at 45~85%, Note: under standard atmospheric pressure, unless otherwise noted.

## **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering <sup>3</sup>	see reflow profile	255	260	265	°C
drying conditions <sup>4</sup>	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	hours			
Note: 3. It is recommended to r 4. When exceeding floor I		re <30°C & relat	ive humidity <60	%.	
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#### **MECHANICAL DRAWING**

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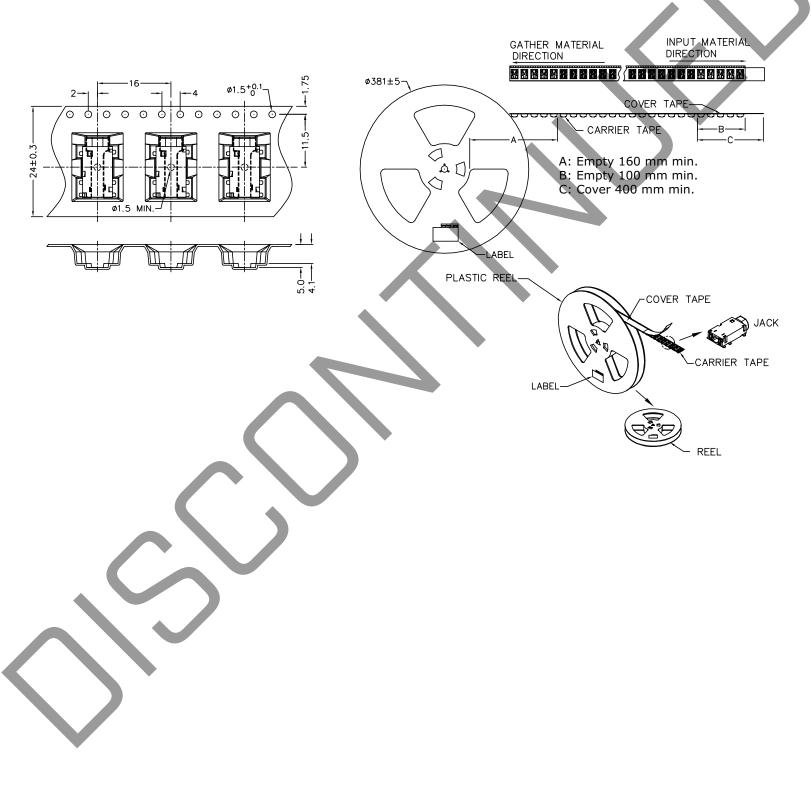
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#### PACKAGING



Reel Size: Ø381 mm Reel QTY: 1,100 pcs per reel

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### **REVISION HISTORY**

rev.	description	date
1.0	initial release	12/12/2016
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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