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# **CUI** DEVICES

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#### MODEL: SJ2-2504D-SMT-TR **DESCRIPTION:** AUDIO JACK

### **FEATURES**

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



# **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				

RoHS

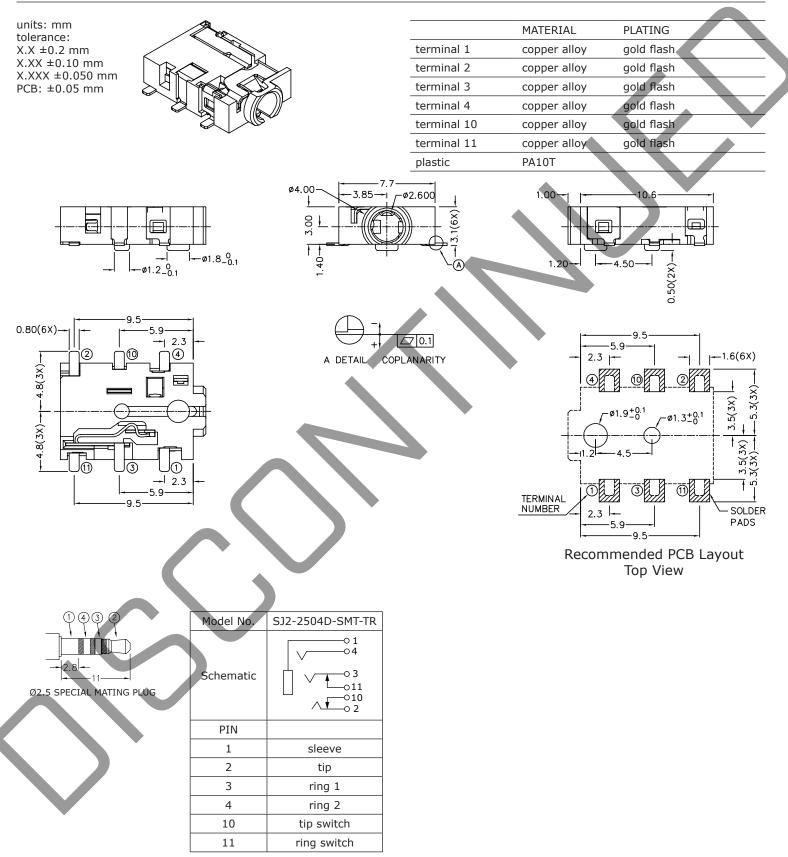
 When measured at a current of less than 100 mA/1 kHz
All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted. Note:

# **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 4. When exceeding floor	reflow solder within 72 hours from opening vacuum packaging at a temperatu ife by >72 hours.	re <30°C & relati	ve humidity <60	%.	
			480		
	Time (sec)				

## **MECHANICAL DRAWING**

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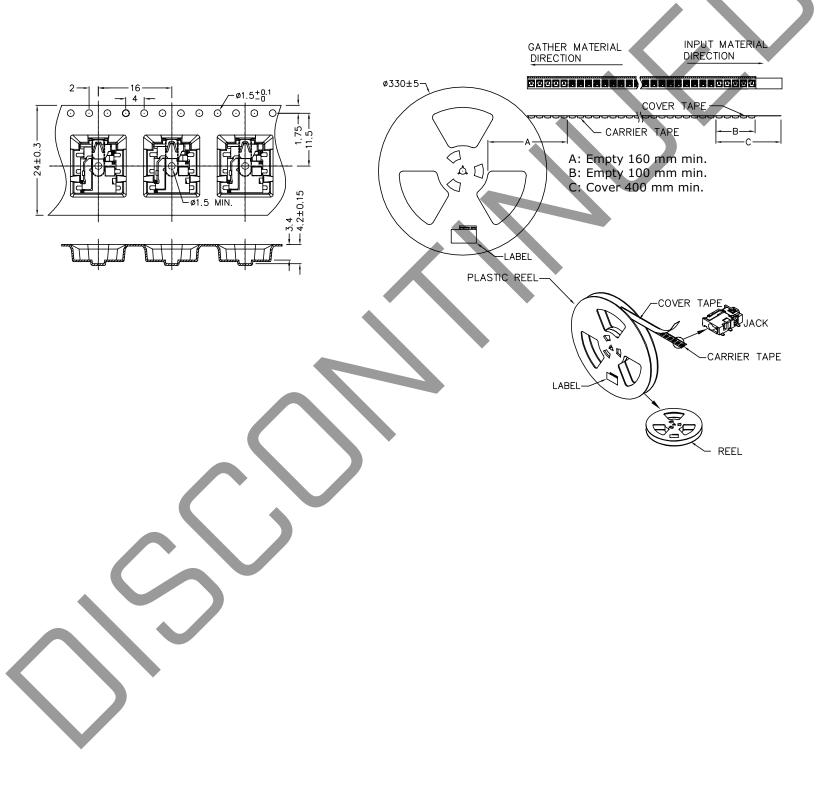
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## PACKAGING



Reel Size: Ø330 mm Reel QTY: 1,000 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
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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