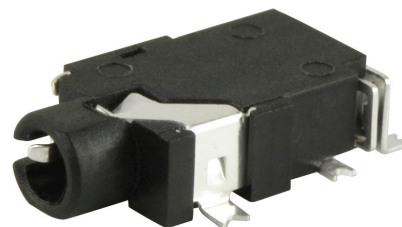


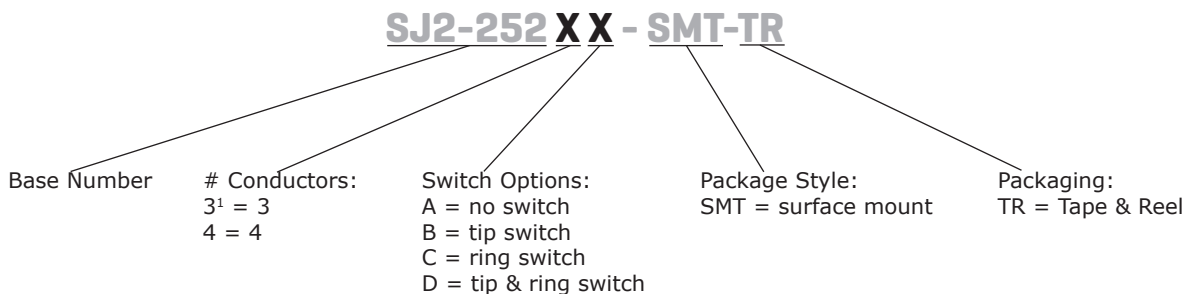
**SERIES:** SJ2-252X-SMT | **DESCRIPTION:** AUDIO JACK

**FEATURES**

- multiple switch configurations
- low profile design
- reflow solder compatible
- surface mount



**PART NUMBER KEY**



Note: 1. 3 conductor option only available with tip & ring switch

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance <sup>2</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	2011/65/EU				

Note: 2. When measured at a current of less than 100 mA/1 kHz  
 3. 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 <sup>1</sup>	see reflow profile	255	260	265	°C
drying conditions <sup>2</sup>	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

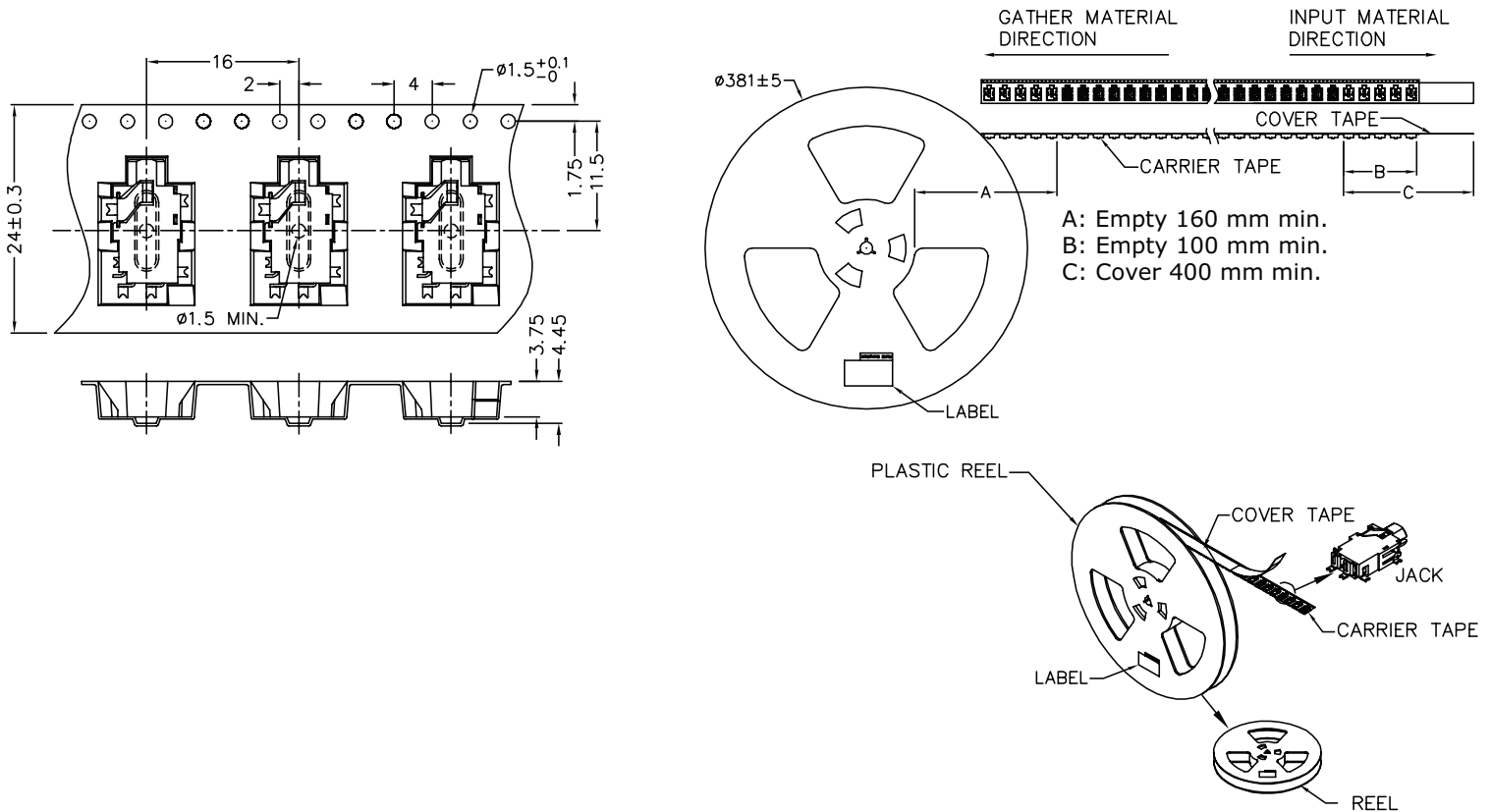
- Note:
1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
  2. When exceeding floor life by >72 hours.



## PACKAGING

units: mm

Reel Size: Ø381 mm  
Reel QTY: 1,200 pcs per reel



## REVISION HISTORY

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rev.	description	date
1.0	initial release	12/02/2016
1.01	added storage and drying conditions	07/21/2017

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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