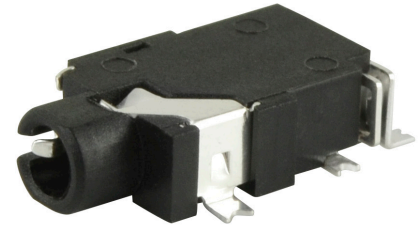




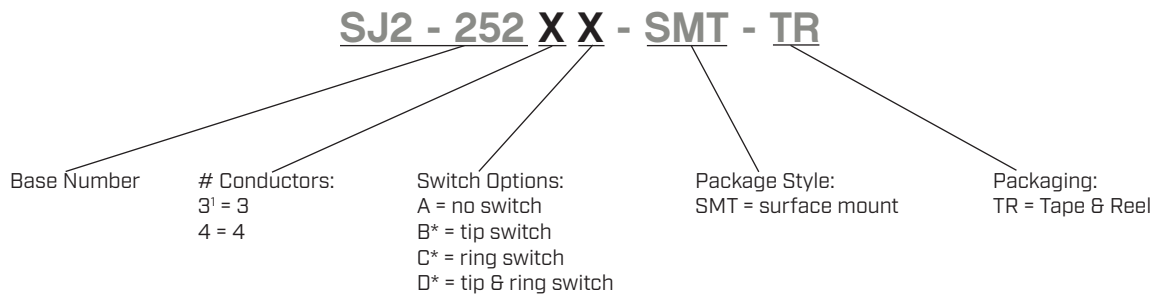
SERIES: SJ2-252X-SMT | **DESCRIPTION:** AUDIO JACK

FEATURES

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



PART NUMBER KEY



Notes: 1, 3 conductor option only available with tip & ring switch
 *Discontinued models SJ2-2524D-SMT-TR, SJ2-2524B-SMT-TR, SJ2-2524C-SMT-TR & SJ2-2523D-SMT-TR

SPECIFICATIONS

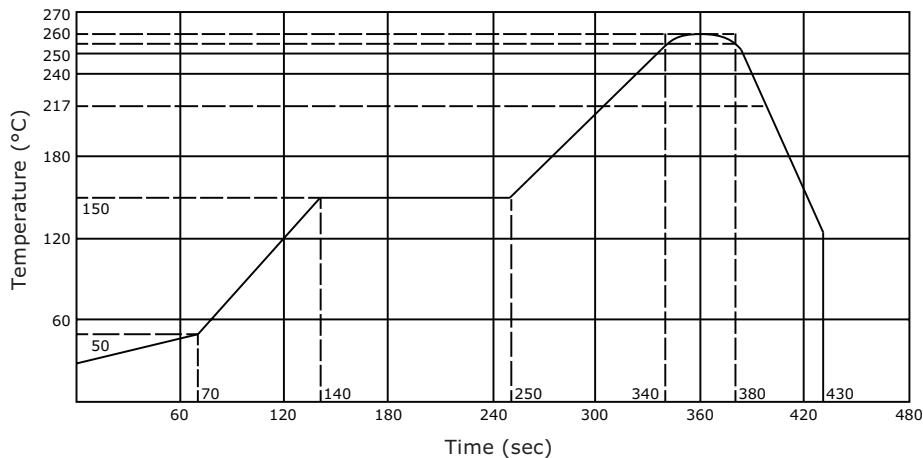
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance ²	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal 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: 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 ¹	see reflow profile	255	260	265	°C
drying conditions ²	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				

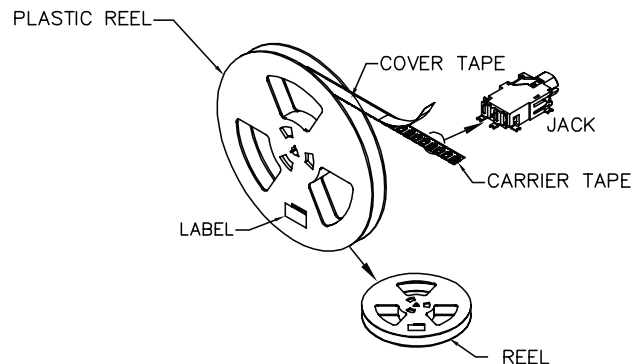
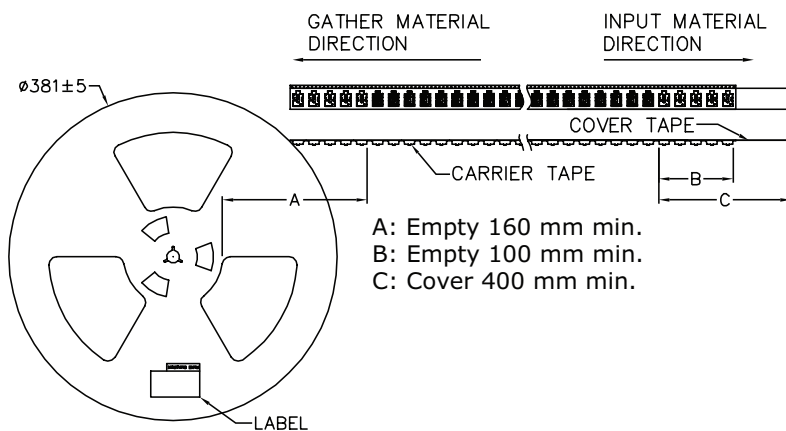
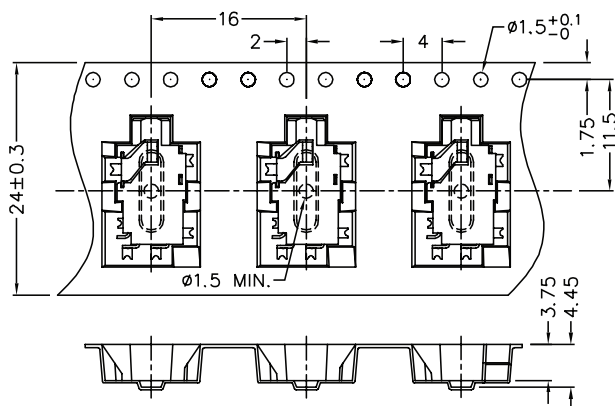
Note: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
2. When exceeding floor life by >72 hours.



PACKAGING

units: mm

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



REVISION HISTORY

rev.	description	date
1.0	initial release	12/02/2016
1.01	added storage and drying conditions	07/21/2017
1.02	brand update	10/04/2019
1.03	discontinued models SJ2-2524D-SMT-TR, SJ2-2524B-SMT-TR, SJ2-2524C-SMT-TR & SJ2-2523D-SMT-TR; logo, datasheet style update	08/18/2022

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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