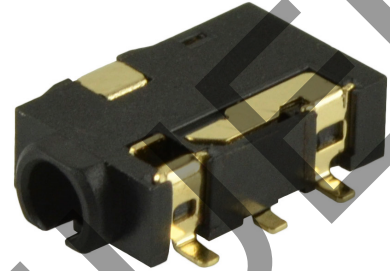


SERIES: SJ2-2531X-SMT | **DESCRIPTION:** AUDIO JACK**FEATURES**

- gold flash terminal plating
- multiple switch configurations
- reflow solder compatible
- low profile design

**PART NUMBER KEY****SJ2-2531 XX - SMT-TR**

Base Number

Conductors:
2¹ = 2
3 = 3

Switch Options:

A = no switch
B = tip switch
C = ring switch
D = tip & ring switchPackage Style:
SMT = surface mountPackaging:
TR = Tape & Reel

Note: 1. 2 conductor option only available with tip switch

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				

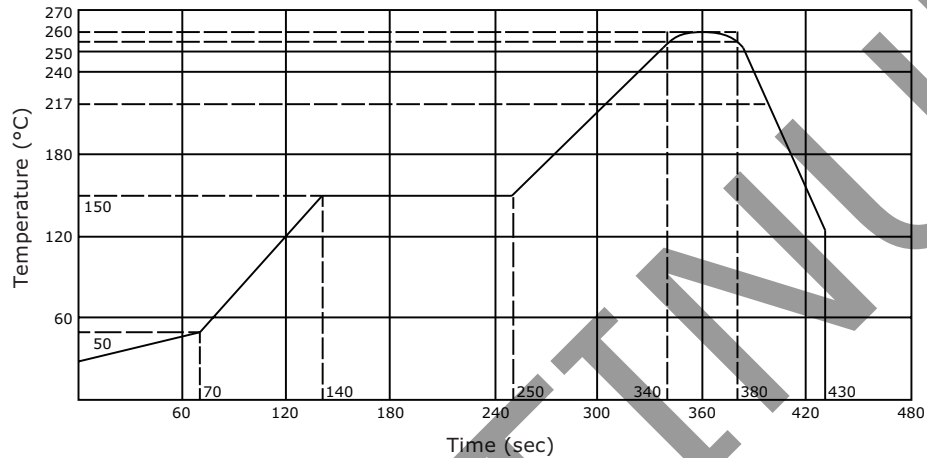
Note: 2. When measured at a current of less than 100 mA/1 kHz
3. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

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.

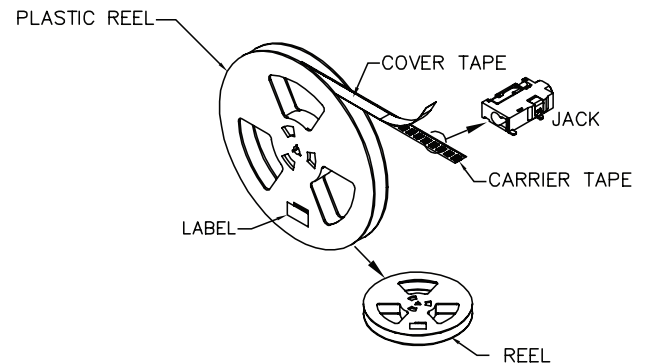
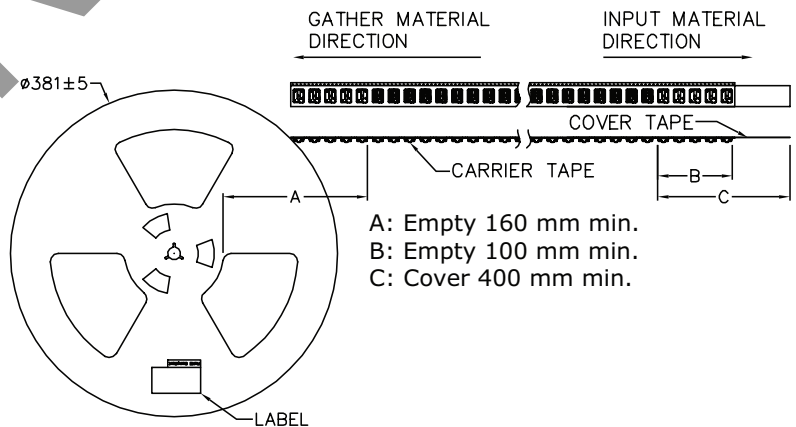
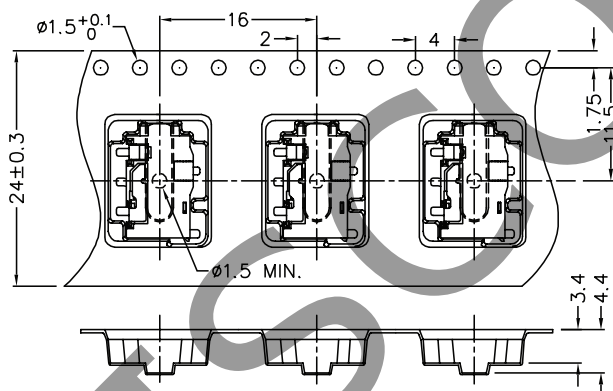


PACKAGING

units: mm

Reel Size: Ø381 mm

Reel QTY: 1,300 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/06/2016
1.01	added storage and drying conditions	06/06/2017
1.02	brand update	10/04/2019

The revision history provided is for informational purposes only and is believed to be accurate.

CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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