

**SERIES:** SJ2-2597X-SMT | **DESCRIPTION:** AUDIO JACK**FEATURES**

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

**PART NUMBER KEY****SJ2 - 2597 X X - SMT - TR**

Base Number

# Conductors:  
4 = 4Switch Options:  
A\* = no switch  
B = tip switch  
C\* = ring switch  
D\* = tip & ring switchPackage Style:  
SMT = surface mountPackaging:  
TR = Tape & Reel

Notes: \*Discontinued models SJ2-25974D-SMT-TR, SJ2-25974C-SMT-TR &amp; SJ2-25974A-SMT-TR

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
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				

Note: 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%, under standard atmospheric pressure, unless otherwise noted.

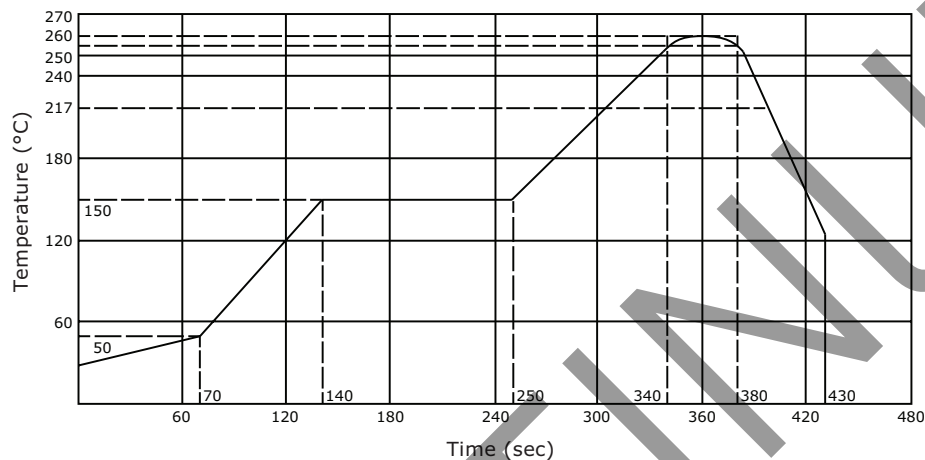


## SOLDERABILITY

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.

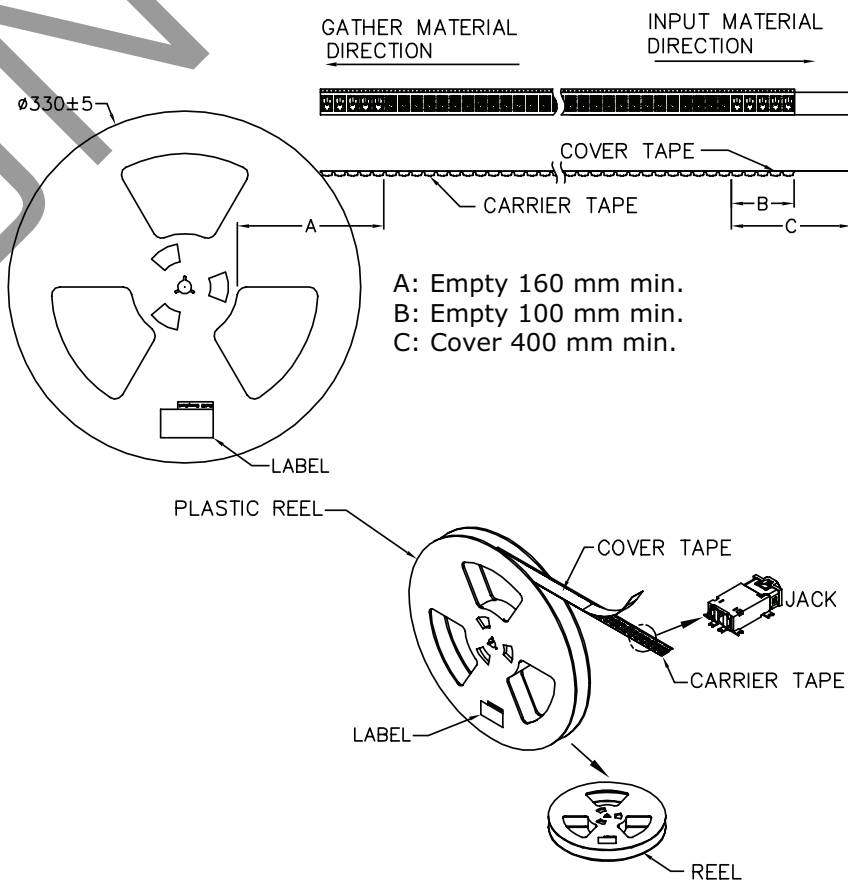
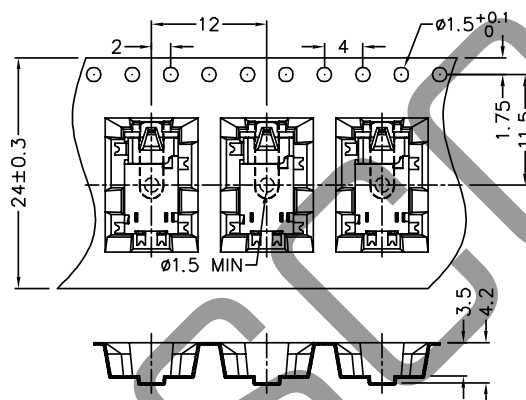


## PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 1,250 pcs per reel



## 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	10/07/2019
1.03	discontinued models SJ2-25974D-SMT-TR, SJ2-25974C-SMT-TR & SJ2-25974A-SMT-TR; logo, datasheet style update	08/18/2022

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