

date 12/07/2016

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

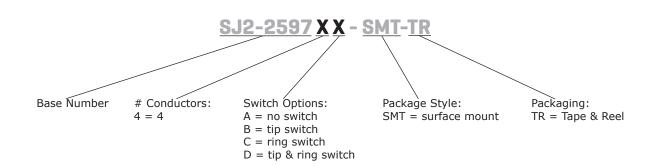
FEATURES

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





PART NUMBER KEY



SPECIFICATIONS

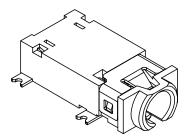
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	Α
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal 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:

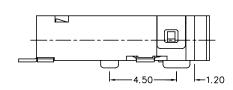
- 1. When measured at a current of less than 100 mA/1 kHz
- $2. \ \, \text{All specifications measured at } 10 \sim 35 ^{\circ}\text{C}, \text{ humidity at } 45 \sim 85\%, \text{ under standard atmospheric pressure, unless otherwise noted.}$

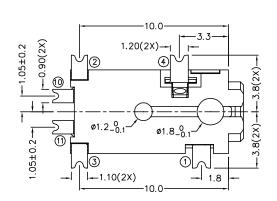
MECHANICAL DRAWING

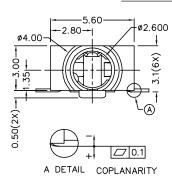
units: mm tolerance: $X.X \pm 0.2 mm$ $X.XX \pm 0.10 mm$ $X.XXX \pm 0.050 \text{ mm}$ PCB: ±0.05 mm

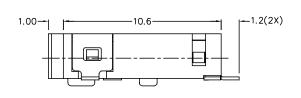


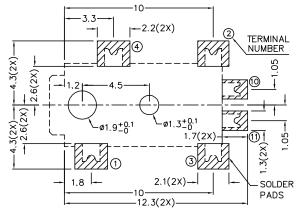
	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	beryllium copper	gold flash
terminal 3	beryllium copper	gold flash
terminal 4	copper alloy	gold flash
terminal 10	copper alloy	gold flash
terminal 11	copper alloy	gold flash
plastic	PA10T	



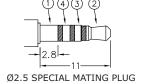








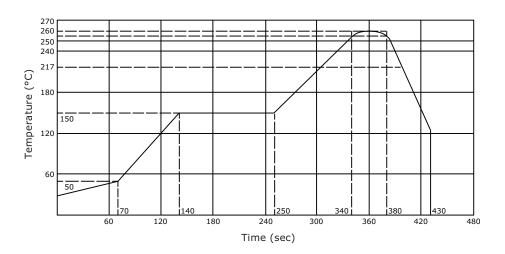
Recommended PCB Layout Top View



Model No.	SJ2-25974A-SMT	SJ2-25974B-SMT	SJ2-25974C-SMT	SJ2-25974D-SMT	
Schematic	01 04 03 02	04		01 04 03 011 010 010	
PIN					
1	sleeve	sleeve	sleeve	sleeve	
2	tip	tip	tip	tip	
3	ring 1	ring 1	ring 1	ring 1	
4	ring 2	ring 2	ring 2	ring 2	
10	NP	tip switch	NP	tip switch	
11	NP	NP	ring 1 switch	ring 1 switch	

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C

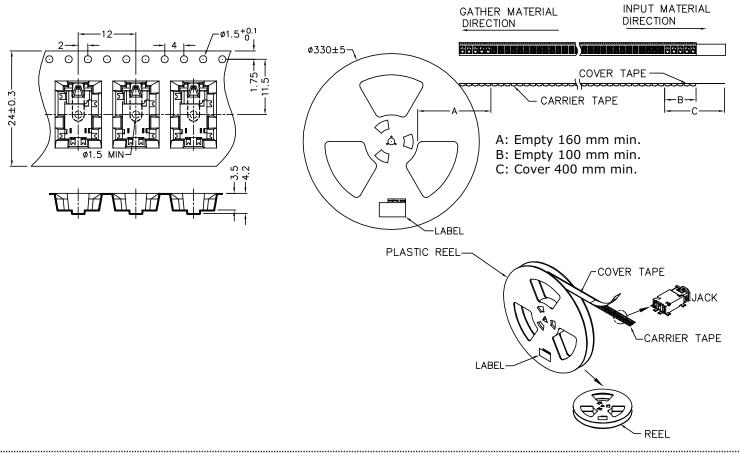


PACKAGING

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

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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