



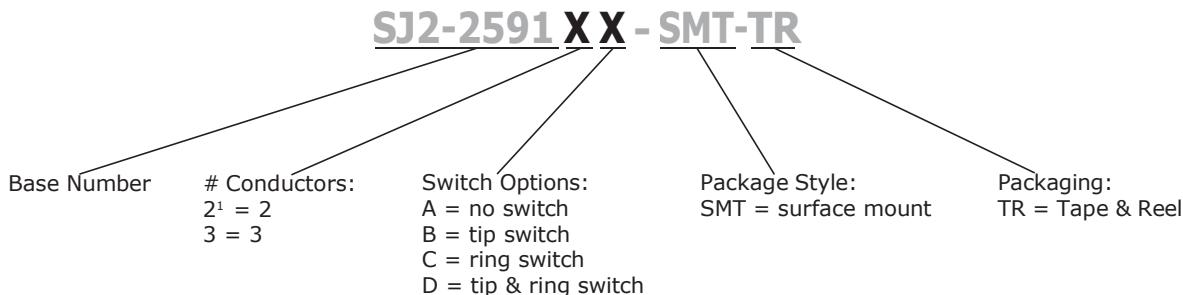
SERIES: SJ2-2591X-SMT | DESCRIPTION: AUDIO JACK

FEATURES

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



PART NUMBER KEY



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

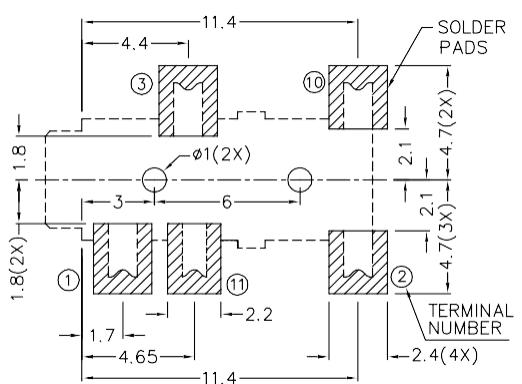
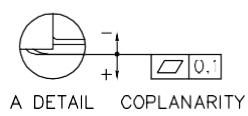
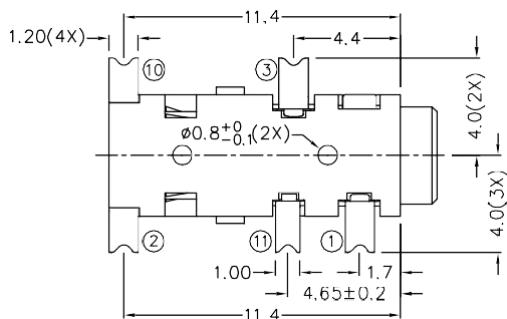
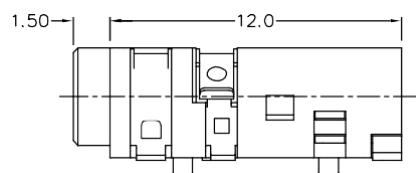
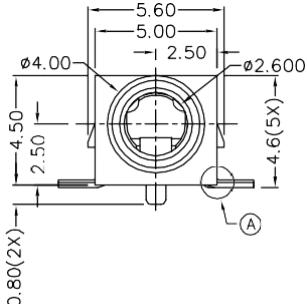
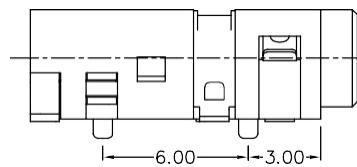
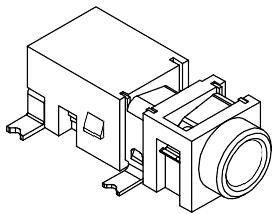
SPECIFICATIONS

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		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				

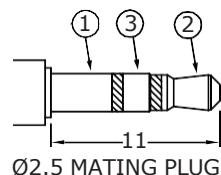
Note: 2. When measured at a current of less than 100 mA/1 kHz
3. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

MECHANICAL DRAWING

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



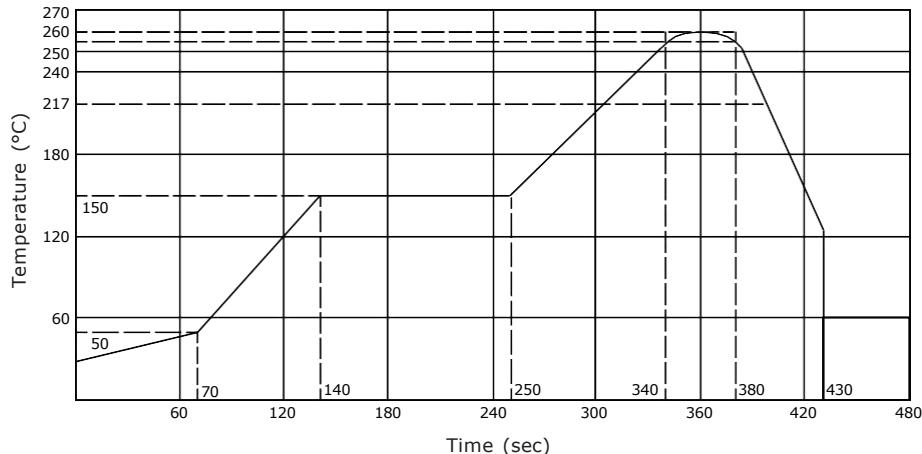
Recommended PCB Layout
Top View



Model No.	SJ2-25912B-SMT	SJ2-25913A-SMT	SJ2-25913B-SMT	SJ2-25913C-SMT	SJ2-25913D-SMT
Schematic					
PIN					
1	sleeve	sleeve	sleeve	sleeve	sleeve
2	tip	tip	tip	tip	tip
3	NP	ring	ring	ring	ring
10	tip switch	NP	tip switch	NP	tip switch
11	NP	NP	NP	ring switch	ring switch

SOLDERABILITY

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

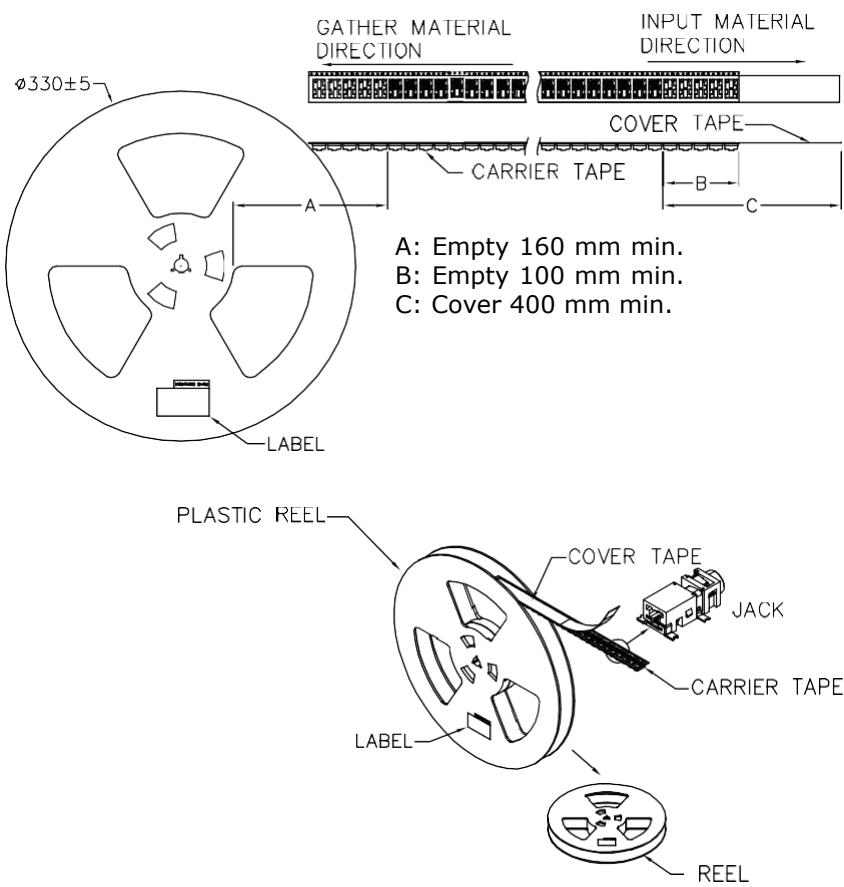
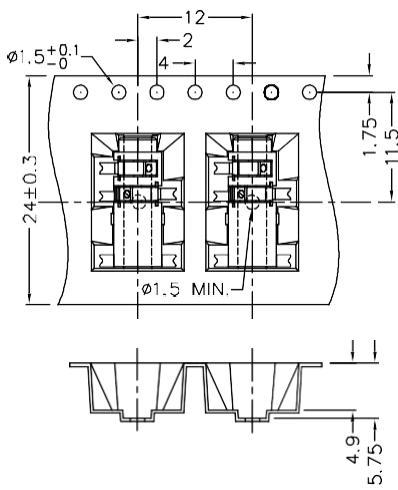


PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 1,000 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/06/2016

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



Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.