

**date** 12/02/2016

page 1 of 4

SERIES: SJ2-2577X-SMT | DESCRIPTION: AUDIO JACK

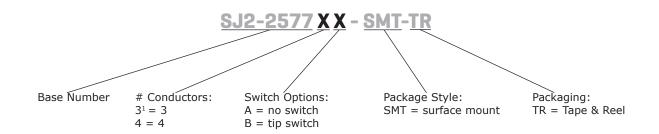
#### **FEATURES**

- mid mount SMT for low profile designs
- right angle
- reflow solder compatible





### **PART NUMBER KEY**



Note: 1. 3 conductor option only available with tip switch

### **SPECIFICATIONS**

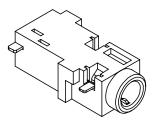
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance <sup>2</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	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	2011/65/EU				

Note:

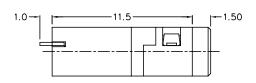
- 2. When measured at a current of less than 100 mA/1 kHz
- 3. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

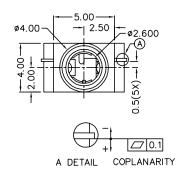
# **MECHANICAL DRAWING**

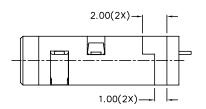
units: mm tolerance:  $X.X \pm 0.2 mm$  $X.XX \pm 0.10 mm$  $X.XXX \pm 0.050 \text{ mm}$ PCB: ±0.05 mm

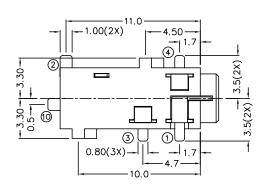


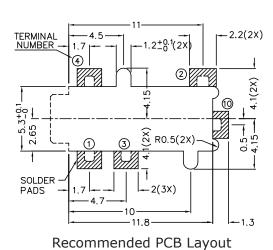
	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
terminal 10	brass	silver
plastic	PA10T	



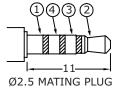








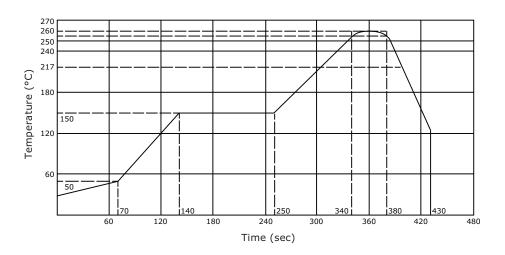
Top View



Model No.	SJ2-25773B-SMT	SJ2-25774A-SMT	SJ2-25774B-SMT
Schematic	04 03 010 02	01 04 03	01 04 03 010 010
PIN			
1	NP	sleeve	sleeve
2	tip	tip	tip
3	ring 1	ring 1	ring 1
4	ring 2	ring 2	ring 2
10	tip switch	NP	tip switch

# **SOLDERABILITY**

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

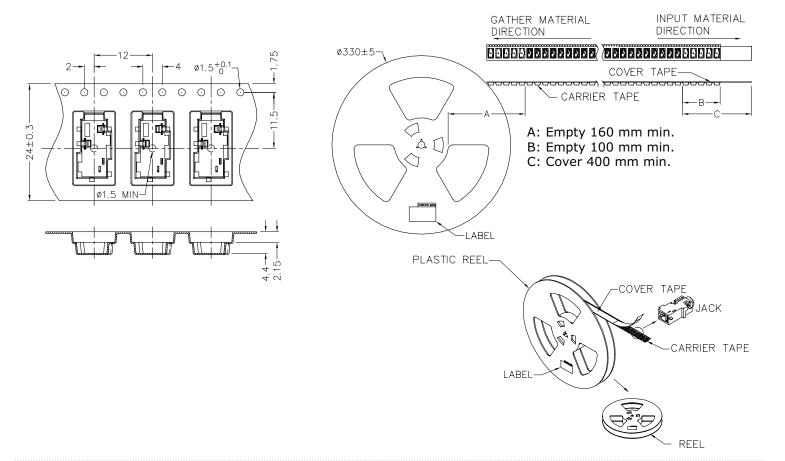


### **PACKAGING**

units: mm

Reel Size: Ø330 mm

Reel QTY: 1,300 pcs per reel



CUI Inc | SERIES: SJ2-2577X-SMT | DESCRIPTION: AUDIO JACK

#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	12/02/2016

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.

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.