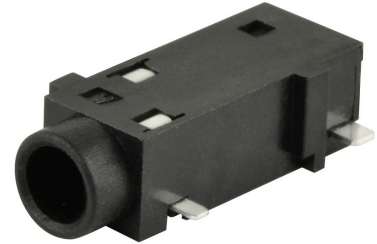


**SERIES:** SJ2-358X-SMT | **DESCRIPTION:** AUDIO JACK

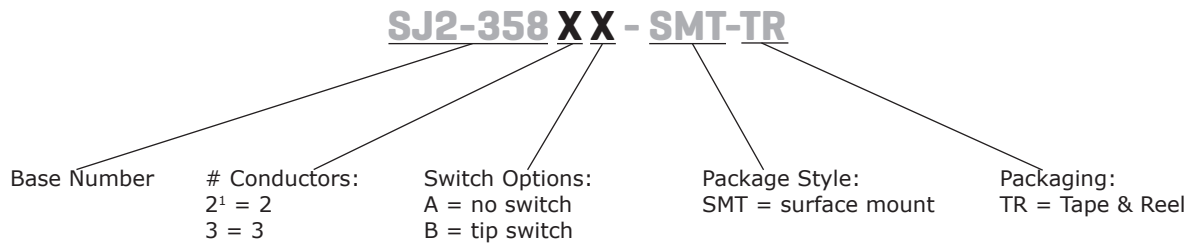
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**FEATURES**

- right angle
- reflow solder compatible
- surface mount

**PART NUMBER KEY**

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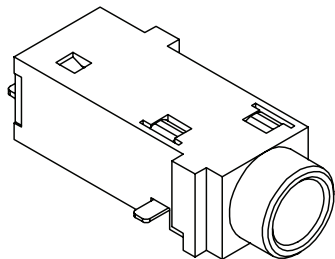
Note: 1. 2 conductor option only available with tip switch

**SPECIFICATIONS**

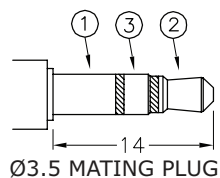
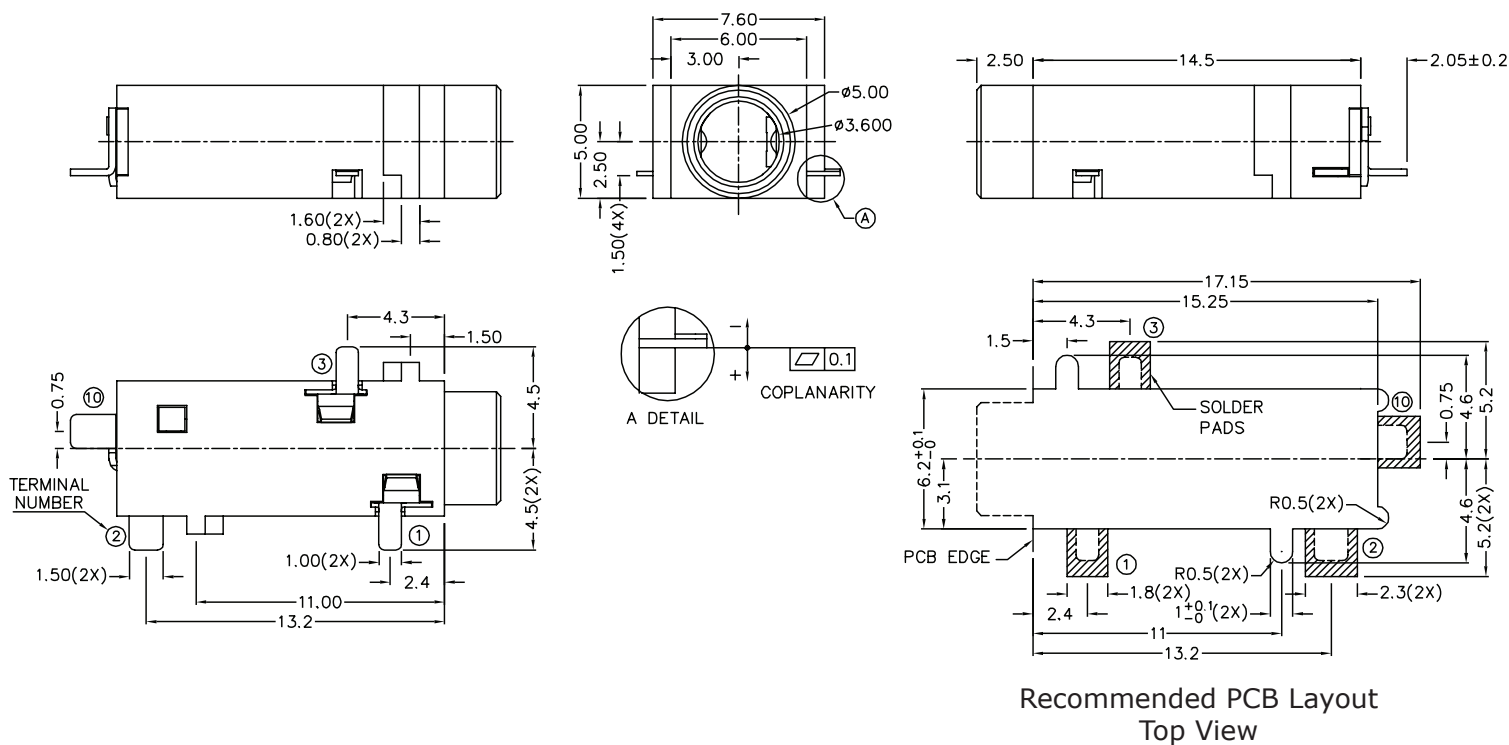
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance <sup>2</sup>	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute	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

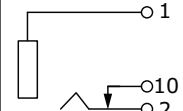
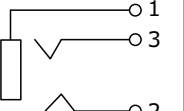
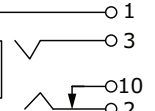
Note: 2. When measured at a current of less than 100 mA/1 kHz  
3. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

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



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



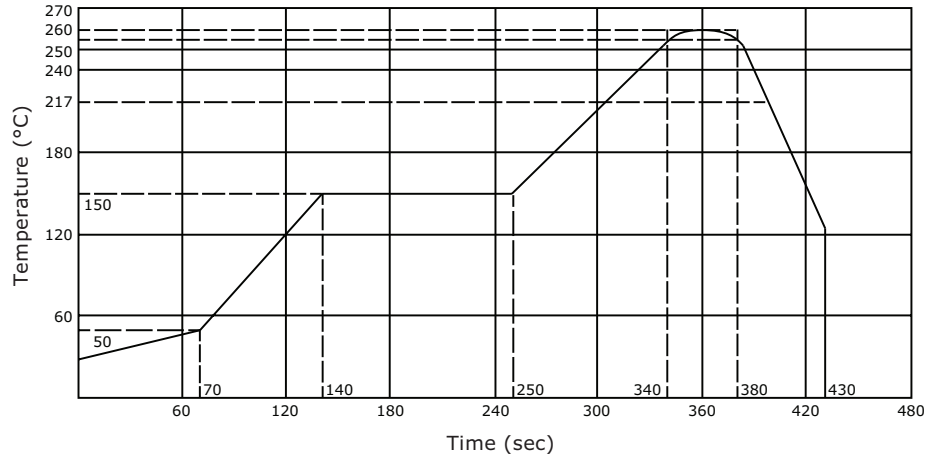
Model No.	SJ2-3582B-SMT	SJ2-3583A-SMT	SJ2-3583B-SMT
Schematic			
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	NP	ring	ring
10	tip switch	NP	tip switch

## 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:

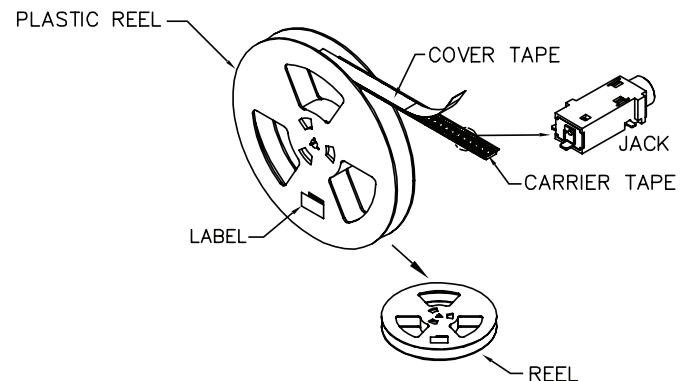
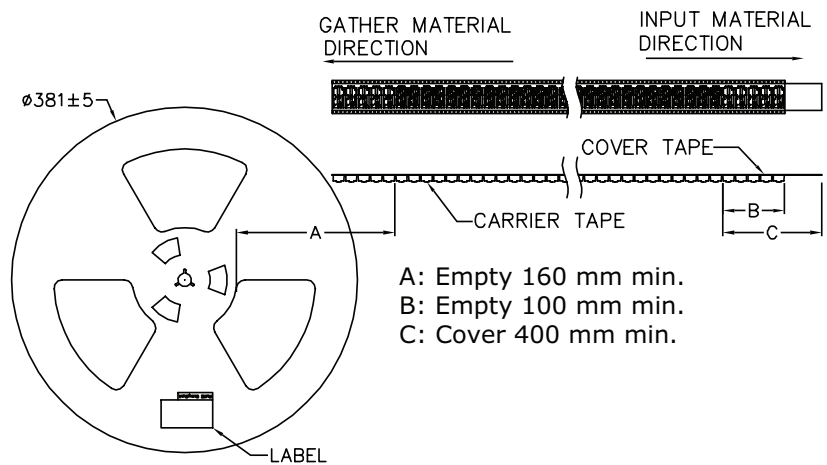
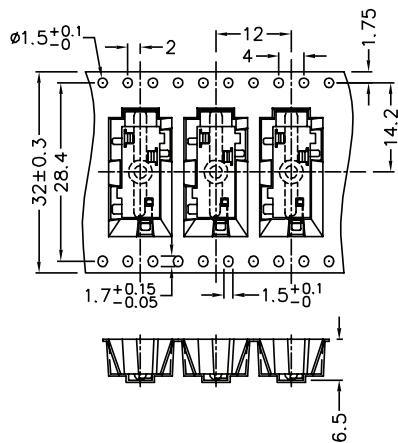
1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
2. When exceeding floor life by >72 hours.



## PACKAGING

units: mm

Reel Size: Ø381 mm  
Reel QTY: 1,000 pcs per reel



## REVISION HISTORY

rev.	description	date
1.0	initial release	12/07/2016
1.01	added storage and drying conditions	07/21/2017
1.02	brand update	10/10/2019

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

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# CUI DEVICES

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

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