CUI DEVICES

date 10/09/2019

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SERIES: SJ-352X-SMT | DESCRIPTION: AUDIO JACK

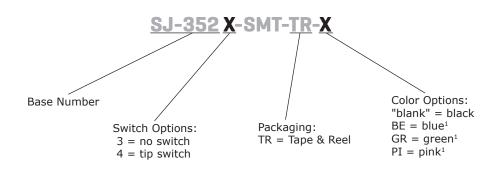
FEATURES

- low profile design
- switch options include:
 - no switch
 - tip switch





PART NUMBER KEY



Note: 1. Tip switch option only

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance ²	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				

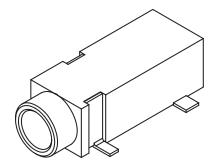
Note:

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

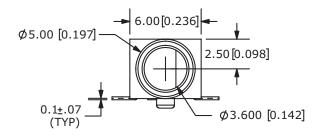
MECHANICAL DRAWING

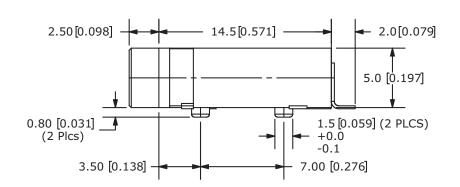
units: mm[inches]

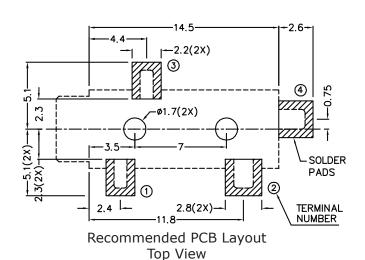
TOLERANCE: X.X ±0.2mm X.XX ±0.1mm X.XXX ±0.05mm PCB: ±0.05 mm

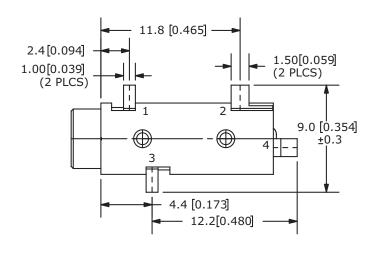


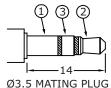
MATERIAL	PLATING
copper alloy	silver
copper alloy	silver
copper alloy	silver
brass	silver
PA6T or equivalent	
	copper alloy copper alloy brass PA6T or











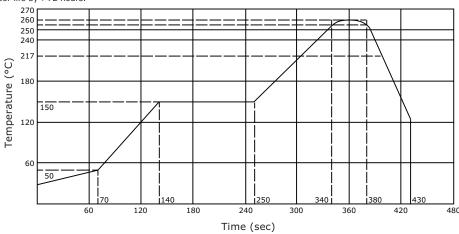
Model No.	SJ-3523-SMT	SJ-3524-SMT	
Schematic	°1 °3 °2	01 03 04 04 02	
PIN			
1	sleeve	sleeve	
2	tip	tip	
3	ring	ring	
4	NP	tip switch	

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering ¹	see reflow profile	255	260	265	°C
drying conditions ²	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.

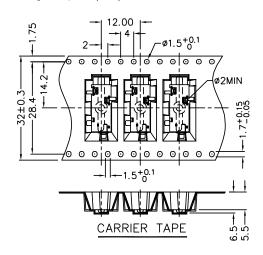


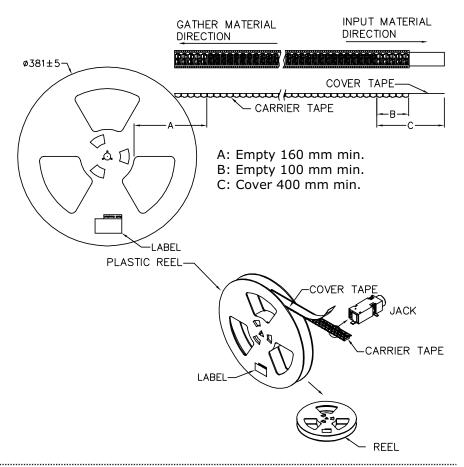
PACKAGING

units: mm

Reel Size: Ø381 mm

Reel QTY: 1,000 pcs per reel





Additional Resources: Product Page | 3D Model | PCB Footprint

CUI Devices | SERIES: SJ-352X-SMT | DESCRIPTION: AUDIO JACK date 10/09/2019 | page 4 of 4

REVISION HISTORY

rev.	description	date	
1.0	initial release	02/07/2006	
1.01	new template applied	01/25/2012	
1.02	added TR package and color options	11/01/2012	
1.03	added storage and drying conditions, and tape and reel packaging details	02/15/2018	
1.04	brand update	10/09/2019	

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

CUI DEVICES

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