CUI DEVICES

MODEL: SJ2-3534A-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

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





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance ¹	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: 1. When measured at a current of less than 100 mA/1 kHz

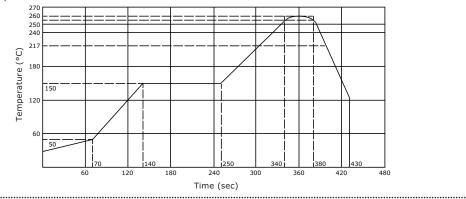
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

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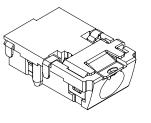
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering ³	see reflow profile	255	260	265	°C
drying conditions ⁴	parts in reel: bake at 40°C \pm 5°C for 72 hours parts removed from reel: bake at 40°C \pm 5°C for 10 hours				

Note: 3. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%. 4. When exceeding floor life by >72 hours.

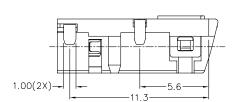


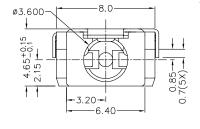
MECHANICAL DRAWING

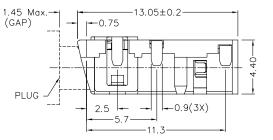
units: mm tolerance: X.X \pm 0.2 mm X.XX \pm 0.10 mm X.XXX \pm 0.050 mm PCB: \pm 0.05 mm

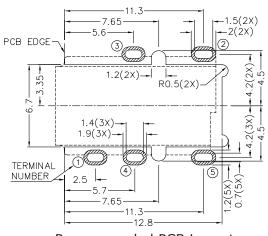


	MATERIAL	PLATING	
terminal 1	copper alloy	gold flash	
terminal 2	copper alloy	gold flash	
terminal 3	copper alloy	gold flash	
terminal 4	copper alloy	gold flash	
terminal 5	copper alloy	gold flash	
plastic	PA10T		



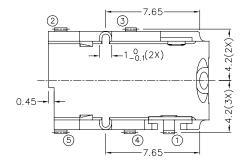


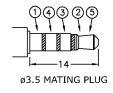




Recommended PCB Layout Top View

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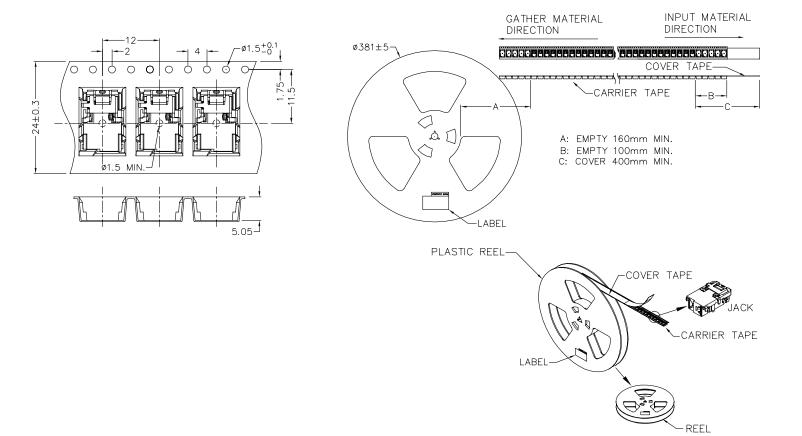
Model No.	SJ2-3534A-SMT-TR
Schematic	$ \begin{array}{c} $
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
5	tip

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PACKAGING

units: mm

Reel Size: Ø381 mm Reel QTY: 1,500 pcs per reel



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REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2016
1.01	added storage and drying conditions	06/23/2017
1.02	brand update	10/10/2019

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

CUI DEVICES

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

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