CUI DEVICES

Additional Resources: Product Page

date 10/14/2019

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MODEL: SJ2-35564A-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

- mid mount SMT for low profile designs
- gold flash terminal plating
- right angle





SPECIFICATIONS

parameter	conditions/description	min	typ max	units
rated input voltage			12	Vdc
rated input current			1	Α
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit		50 30	$m\Omega$
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			
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- 1. When measured at a current of less than 100 mA/1 kHz 2. All specifications measured at $10{\sim}35^{\circ}\text{C}$, humidity at $45{\sim}85\%$, under standard atmospheric pressure, unless otherwise noted.

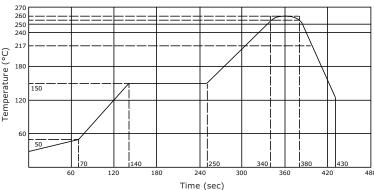
SOLDERABILITY

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 conditions4	parts in reel: bake at 40°C ±5°C for 72 hours				

drying conditions4

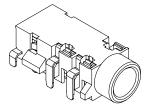
parts removed from reel: bake at 40°C ±5°C for 10 hours Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.

When exceeding floor life by >72 hours.

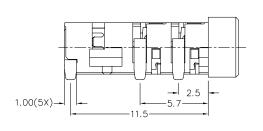


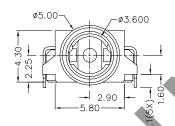
MECHANICAL DRAWING

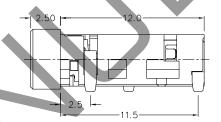
units: mm tolerance: $X.X \pm 0.2 \text{ mm}$ $X.XX \pm 0.10 \text{ mm}$ X.XXX ±0.050 mm PCB: ±0.05 mm

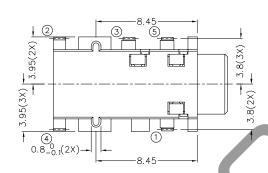


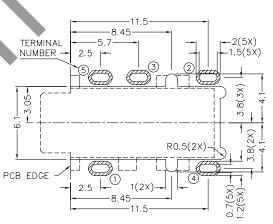
	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	copper alloy	gold flash
terminal 3	copper alloy	gold flash
terminal 4	copper alloy	gold flash
terminal 5	copper alloy	gold flash
plastic	PA10T	



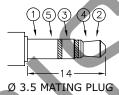








Recommended PCB Layout Top View

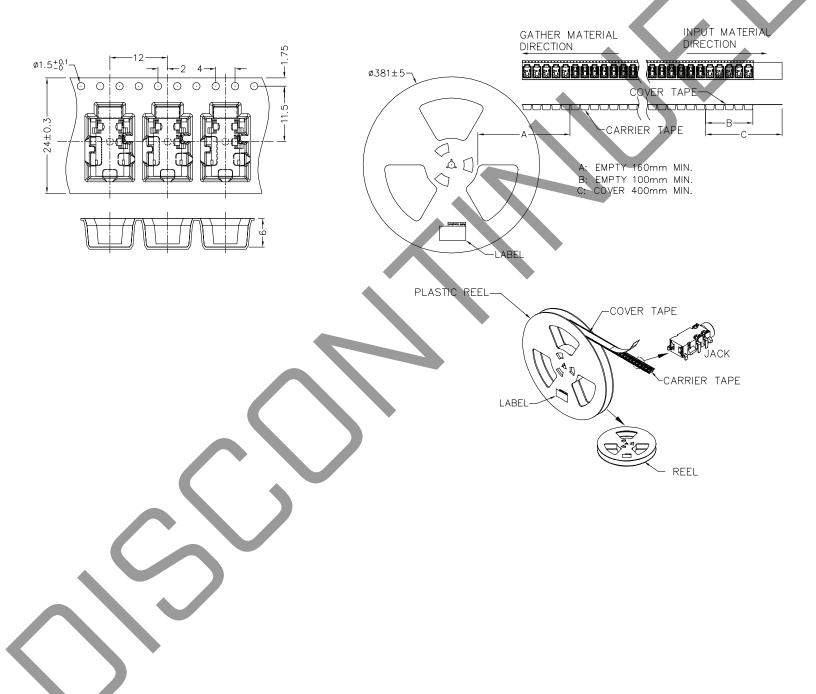


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	Model No.	SJ2-35564A-SMT-TR
	Schematic	01 03 02 04 05
	PIN	
	1	sleeve
	2	tip
ſ	3	ring
	4	tip
	5	sleeve

PACKAGING

units: mm

Reel Size: Ø381 mm Reel QTY: 1,250 pcs per reel



CUI Devices | MODEL: SJ2-35564A-SMT-TR | DESCRIPTION: AUDIO JACK

REVISION HISTORY

rev.	description	date
1.0	initial release	12/14/2016
1.01	added storage and drying conditions	06/23/2017
1.02	brand update	10/14/2019

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



DEVICES

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

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