

**MODEL:** SJ2-3594A-SMT-TR | **DESCRIPTION:** AUDIO JACK**FEATURES**

- right angle
- reflow solder compatible
- surface mount

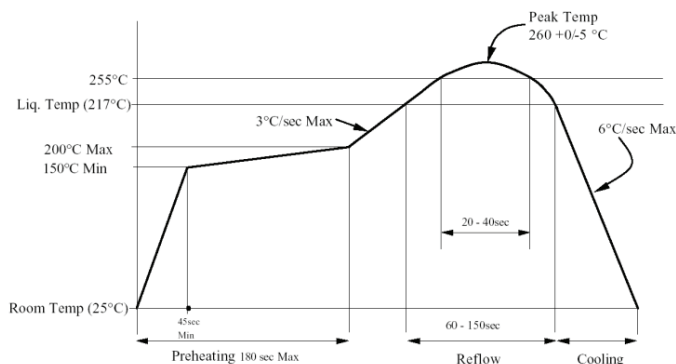
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			30		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit			100 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			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

**SOLDERABILITY**

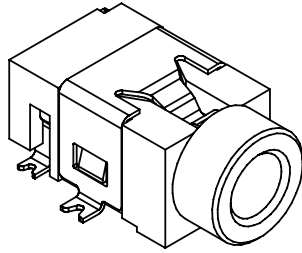
parameter	conditions/description	min	typ	max	units
reel storage	≤40°C, ≤80% humidity				
reflow soldering	see reflow profile	255	260		°C

Note: 1. CUI Devices recommends usage of the product within 24 hours after T&R is opened. After 24 hours, CUI Devices recommends drying the parts prior to use.

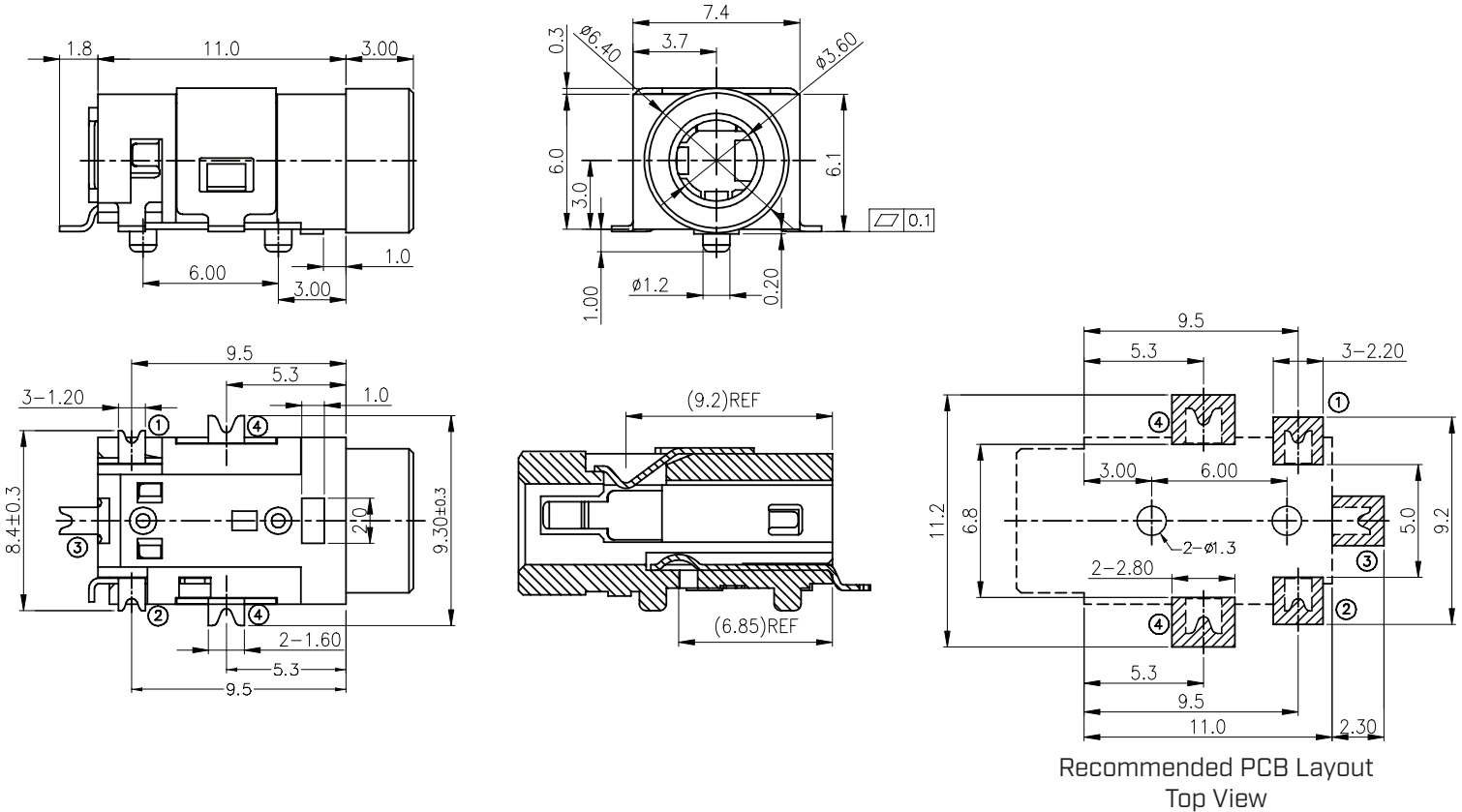


## MECHANICAL DRAWING

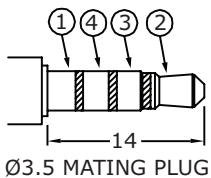
units: mm  
 tolerance:  
 X.X ±0.20 mm  
 X.XX ±0.15 mm  
 X.XXX ±0.10 mm  
 PCB: ±0.05 mm  
 unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy t=0.25	silver
terminal 2	copper alloy t=0.25	silver
terminal 3	copper alloy t=0.25	silver
terminal 4	copper alloy t=0.25	silver
housing	PA10T (UL94V-0)	black



Recommended PCB Layout  
Top View



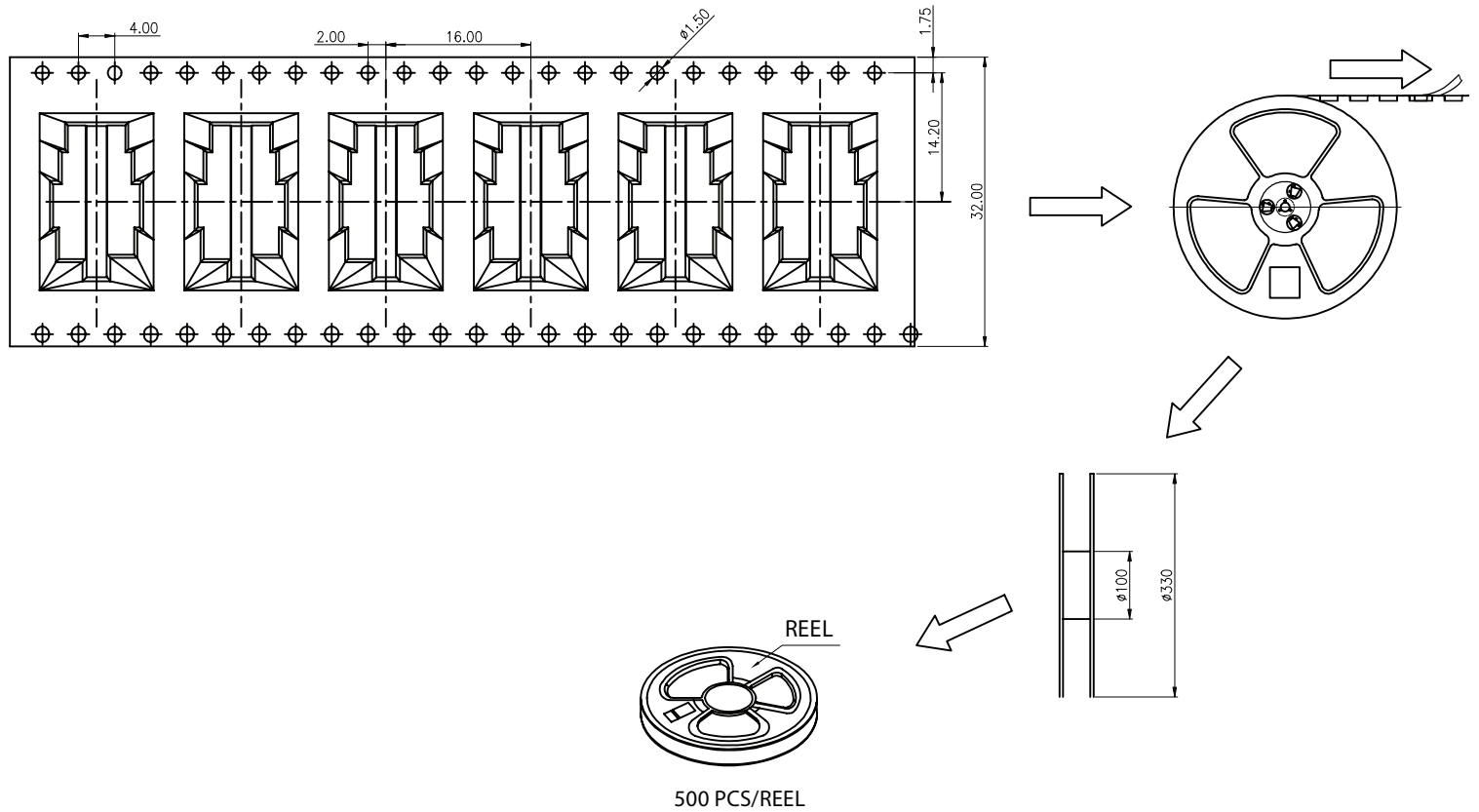
Model No.	SJ2-3594A-SMT-TR
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2

## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm

Reel QTY: 500 pcs per reel



## REVISION HISTORY

rev.	description	date
1.0	initial release	12/13/2016
1.01	added storage and drying conditions	06/22/2017
1.02	brand update	10/14/2019
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	03/06/2023

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



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

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