

MODEL: SJ2-3514A-SMT-TR | **DESCRIPTION:** AUDIO JACK**FEATURES**

- 4 conductor
- right angle
- reflow solder compatible
- surface mount

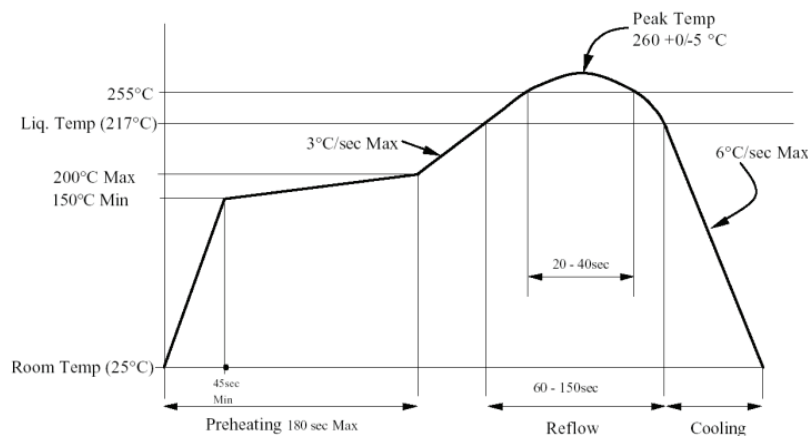
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		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

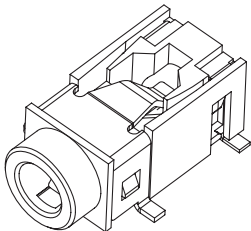
parameter	conditions/description	min	typ	max	units
reel storage	≤40°C, ≤80% humidity				
reflow soldering	see reflow profile	255	260		°C

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.

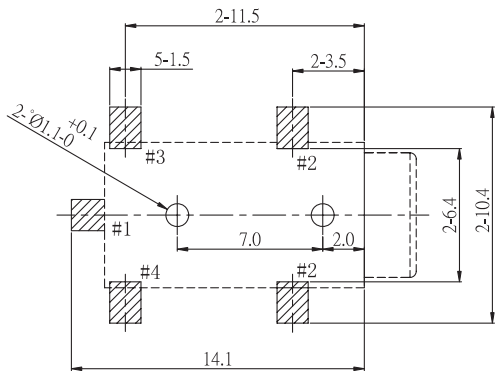
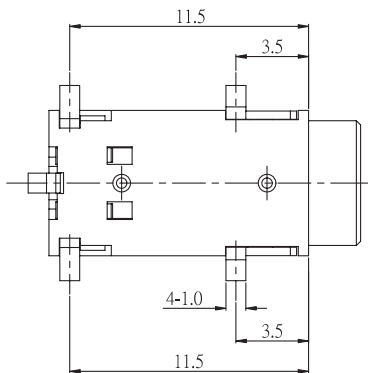
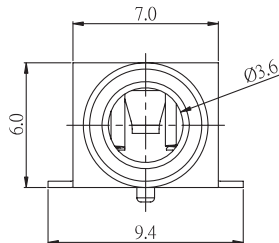
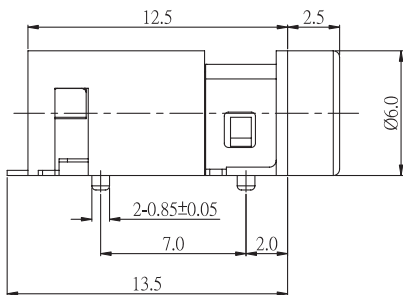


MECHANICAL DRAWING

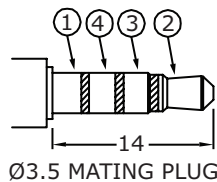
units: mm
tolerance:
X.X ±0.3 mm
X.XX ±0.25 mm
X.XXX ±0.20 mm
PCB: ±0.05 mm
unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	phosphor bronze	silver
terminal 2	phosphor bronze	silver
terminal 3	phosphor bronze	silver
terminal 4	phosphor bronze	silver
housing	PA9T [UL94V-0]	black



Recommended PCB Layout
Top View



Ø3.5 MATING PLUG

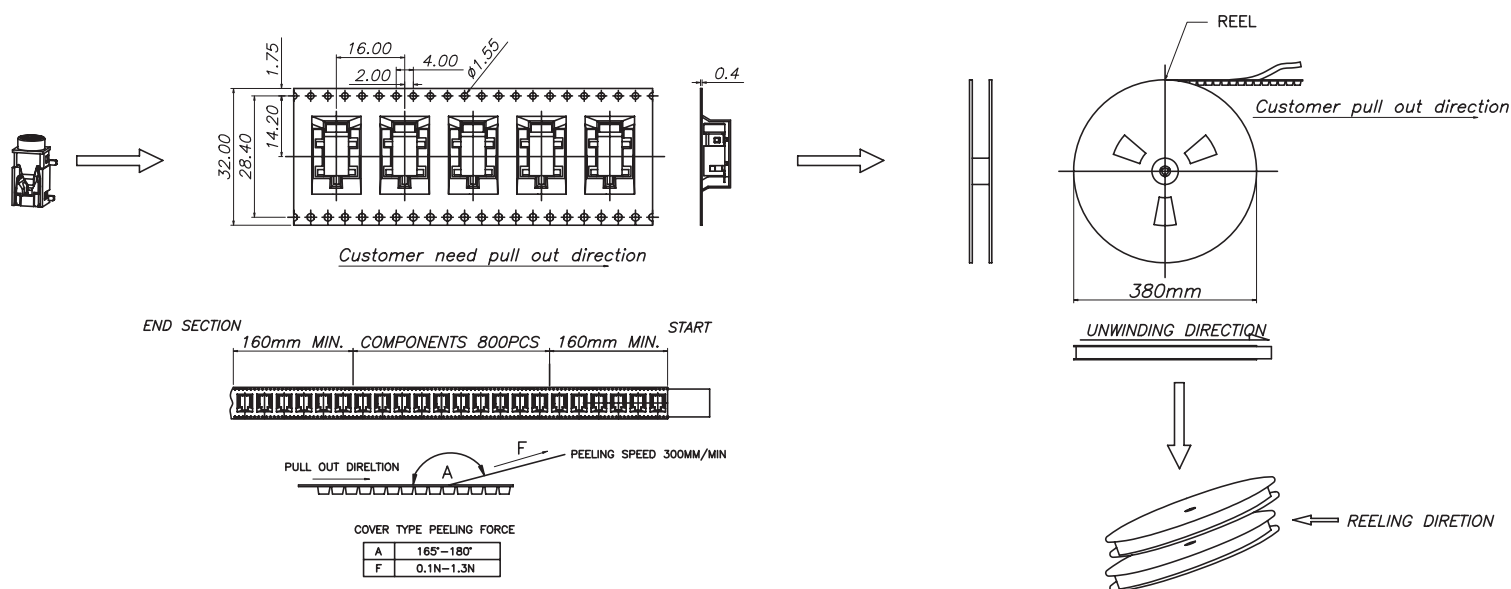
Model No.	SJ2-3514A-SMT-TR
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2

PACKAGING

units: mm

Reel Size: Ø380 mm

Reel QTY: 800 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2016
1.01	added storage and drying conditions	06/22/2017
1.02	brand update	10/10/2019
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	09/27/2023

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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CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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