# CUI DEVICES

Additional Resources: Product Page

# MODEL: SJ2-35326D-SMT-TR | DESCRIPTION: AUDIO JACK

#### FEATURES

- mid mount SMT for low profile designs
- isolated switch
- reflow solder compatible





# SPECIFICATIONS

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

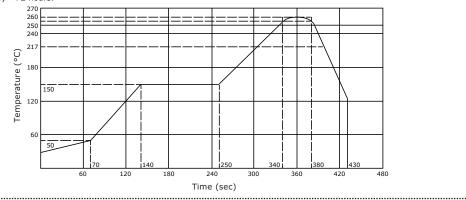
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

## SOLDERABILITY

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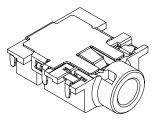
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering <sup>3</sup>	see reflow profile	255	260	265	°C
drying conditions <sup>4</sup>	parts in reel: bake at 40°C $\pm$ 5°C for 72 hours parts removed from reel: bake at 40°C $\pm$ 5°C for 10 hours				

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.

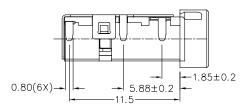


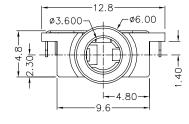
#### **MECHANICAL DRAWING**

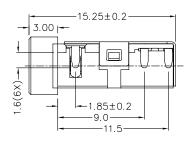
units: mm tolerance: X.X  $\pm$ 0.2 mm X.XX  $\pm$ 0.10 mm X.XXX  $\pm$ 0.050 mm PCB:  $\pm$ 0.05 mm

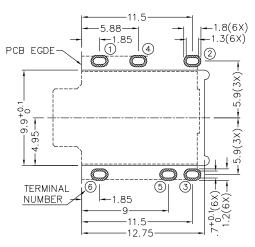


	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	copper alloy	gold flash
terminal 3	copper alloy	gold flash
terminal 4	copper alloy	nickel
terminal 5	copper alloy	gold flash
terminal 6	copper alloy	gold flash
plastic	PA10T	



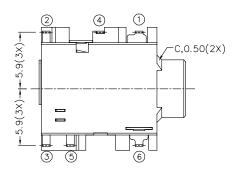


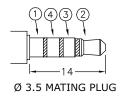




Recommended PCB Layout Top View

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Model No.	SJ2-35326D-SMT-TR	
Schematic	$ \begin{array}{c}  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  & 0 \\  $	
PIN		
1	sleeve	
2	tip	
3	ring 1	
4	ring 2	
5	isolated ring 1	
6 isolated ring 1 switch (N-O)		

REEL

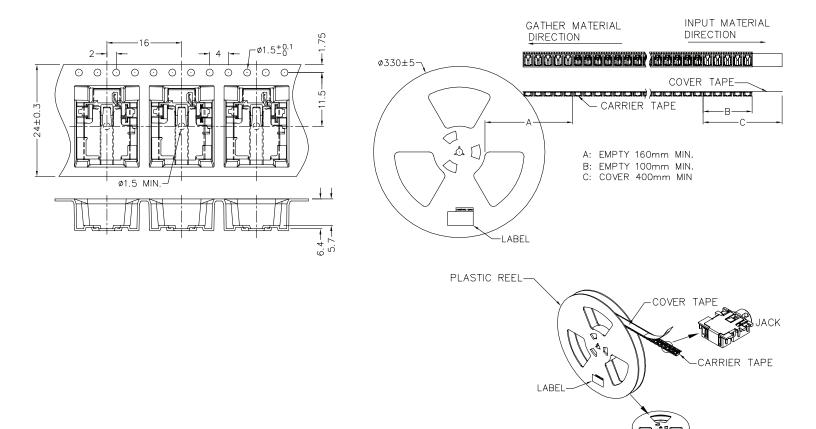
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### PACKAGING

units: mm

Reel Size: Ø330 mm Reel QTY: 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	10/11/2019

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

**CUI** DEVICES

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