

date 04/07/2017

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MODEL: SJD1-3201-54 | DESCRIPTION: AUDIO JACK

FEATURES

- dual port jack 3.5 mm and 2.5 mm
- placement pins for secure PCB mounting
- 2 switch design for 3.5 mm port; 1 switch for 2.5 mm port





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	2011/65/EU				-

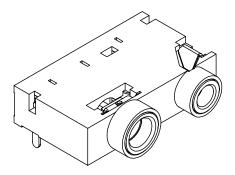
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ± 0.5 seconds	255	260	265	°C

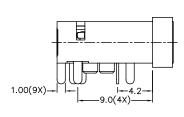
^{1.} When measured at a current of less than 100 mA/1 kHz 2. All specifications measured at $10\sim35^{\circ}$ C, humidity at $45\sim85\%$, under standard atmospheric pressure, unless otherwise noted.

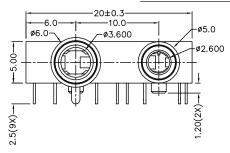
MECHANICAL DRAWING

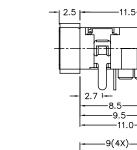
units: mm tolerance: $X.X \pm 0.2 mm$ $X.XX \pm 0.10 mm$ $X.XXX \pm 0.050 \text{ mm}$ PCB: ±0.05 mm

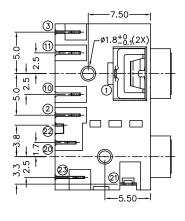


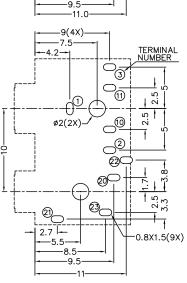
MATERIAL	PLATING
copper alloy	tin
copper alloy	tin
copper alloy	tin
brass	tin
brass	tin
brass	tin
copper alloy	tin
copper alloy	tin
copper alloy	tin
brass	nickel
PBT	
	copper alloy copper alloy brass brass brass copper alloy copper alloy copper alloy copper alloy brass

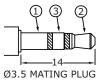














Model No.	SJD1-3201-54	
Schematic	PIN	
Ø3.5	1	sleeve
01 03 011 010 02	2	tip
	3	ring
	10	tip switch
	11	ring switch
Ø2.5 O 21	20	tip switch
23 0 23 0 20 0 22	21	sleeve
	22	tip
	23	ring

Recommended PCB Layout Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	08/07/2007
1.01	updated pin numbering	01/15/2008
1.02	changed part mold tooling	04/07/2017

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



Headquarters 20050 SW 112th Ave. Tualatin, OR 97062 **800.275.4899**

Fax 503.612.2383 **cui**.com techsupport@cui.com

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

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