

MODEL: SJ3-35033A | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm audio jack
- through hole
- tray packaging



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ROHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		З	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

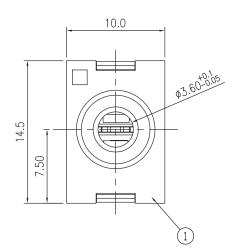
SOLDERABILITY

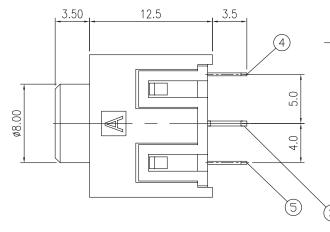
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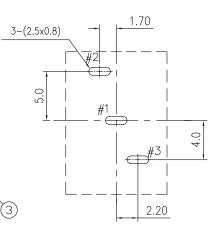
parameter	conditions/description	min	typ	max	units
wave soldering	for max 5 seconds	255	260	265	°C
	260°C 260°C 180°C 120°C 20°C A. Preheating B. Soldering C. Cooling	emperature bonent Temperature			

MECHANICAL DRAWING

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT (UL4V-O)	black
2	cover	PBT (UL4V-O)	black
З	terminal 1	C5210-EH t=0.50	silver over nickel
4	terminal 2	C5210-SH t=0.30	silver over nickel
5	terminal 3	SUS301-H t=0.30	silver over nickel

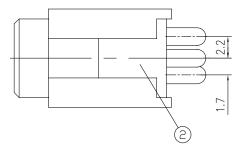






Recommended PCB Layout Top View

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1 3 2 1 1 3 2 1 14 Ø3.5 MATING PLUG

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Model No.	SJ3-35033A	
Schematic	01 03 02	
PIN		
1	sleeve	
2	tip	
3	ring	

REVISION HISTORY

rev.	description	date
1.0	initial release	06/12/2024

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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