

SERIES: SJ1-353XN | DESCRIPTION: AUDIO JACK

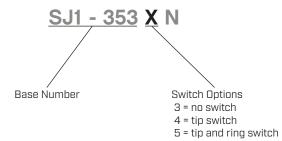
FEATURES

- low profile design
- switch options include:
- no switch
- tip switch
- tip and ring switch



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PART NUMBER KEY



SPECIFICATIONS

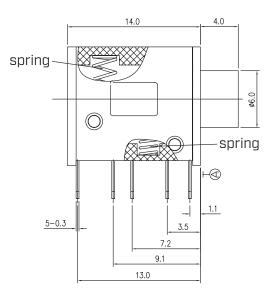
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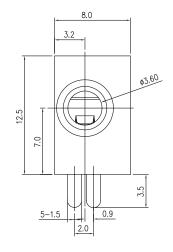
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

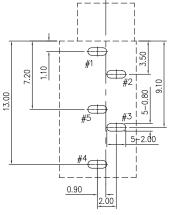
MECHANICAL DRAWING

units: mm tolerance: X.X ±0.30 mm X.XX ±0.25 mm X.XXX ±0.20 mm PCB: ±0.05 mm unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass t=0.30	silver
terminal 2	brass t=0.30	silver
terminal 3	brass t=0.30	silver
terminal 4	brass t=0.30	silver
terminal 5	brass t=0.30	silver
springs	stainless steel	
bushing	copper alloy (H59)	nickel
housing	PBT (UL94V-0)	black
cover	PBT (UL94V-0)	black

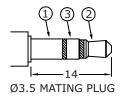






Recommended PCB Layout Top View

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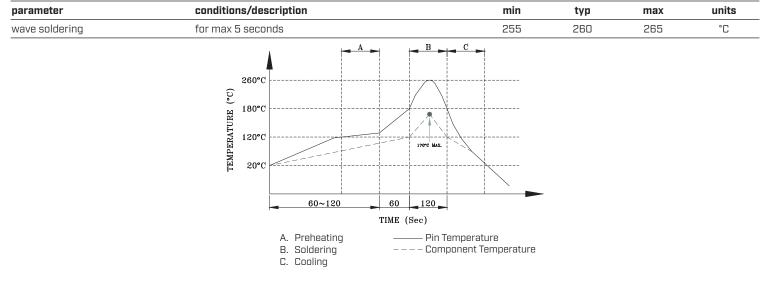
Model No.	SJ1-3533N	SJ1-3534N	SJ1-3535N
Schematic	°1 °3 °3 °2	01 03 03 04 02	01 03 05 04 02
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	ring	ring	ring
4	NP	tip switch	tip switch
5	NP	NP	ring switch



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SOLDERABILITY

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REVISION HISTORY

rev.	description	date
1.0	initial release	12/01/2005
1.01	new template applied	01/27/2012
1.02	brand update	02/10/2020
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	12/21/2022

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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