

date 09/07/2023

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SERIES: SJ1-353XNS | DESCRIPTION: AUDIO JACK

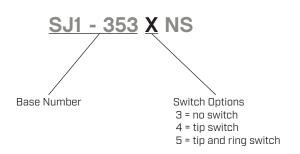
FEATURES

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





PART NUMBER KEY



SPECIFICATIONS

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	$m\Omega$
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
RoHS	Ves		-		

SOLDERABILITY

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

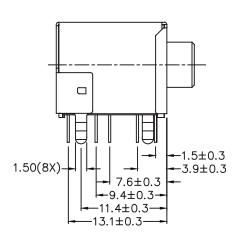
MECHANICAL DRAWING

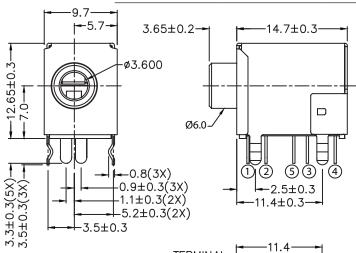
units: mm tolerance: X.X ±0.30 mm X.XX ±0.20 mm X.XXX ±0.10 mm PCB: ±0.05 mm

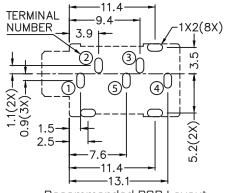
unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
terminal 4	brass	tin
terminal 5	brass	tin
spring	stainless steel	
bushing	brass	nickel
shield	cold rolled steel	nickel
housing	PBT (UL94V-0)	black







Recommended PCB Layout

Top View



Model No.	SJ1-3533NS	SJ1-3534NS	SJ1-3535NS
Schematic	°1 °3 °3	01 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

REVISION HISTORY

rev.	description	date
1.0	initial release	02/01/2006
1.01	new template applied	01/25/2012
1.02	brand update	02/10/2020
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	02/10/2023
1.04	hard tooling refinement, see PCN for details	09/07/2023

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



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