

date 10/03/2017

page 1 of 3

SERIES: SJ1-352XN **DESCRIPTION: 3.5 MM AUDIO JACKS**

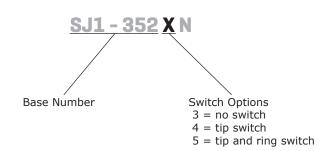
FEATURES

- 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	mΩ mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	at 50/60 Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				
Notes: *When measured at a cur	rrent of less than 100 mA / 1 kHz				

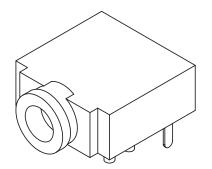
SOLDERABILITY

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

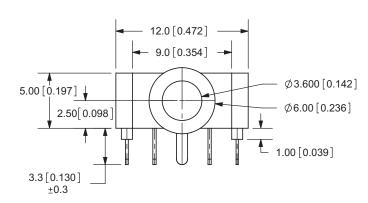
MECHANICAL DRAWING

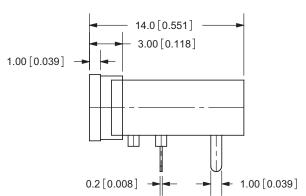
units: mm[inches] TOLERANCE:

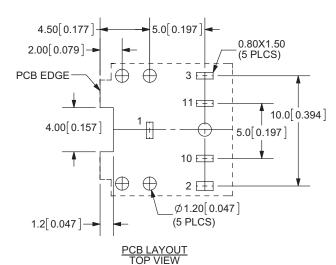
 $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

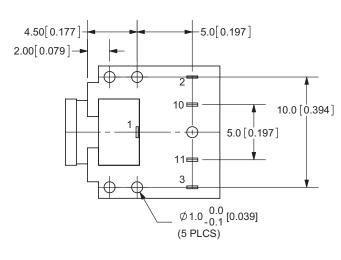


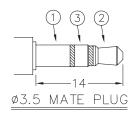
	MATERIAL	PLATING
terminal 1	copper alloy	tin
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
terminal 10	brass	tin
terminal 11	brass	tin
bushing	brass	nickel
plastic	PBT	











Model No.	SJ1-3523N	SJ1-3524N	SJ1-3525N
Schematic	°1 °3 °3	°10	01 03 011 010 02
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	ring	ring	ring
10	NP	tip switch	tip switch
11	NP	NP	ring switch

REVISION HISTORY

rev.	description	date
1.0	initial release	09/06/2006
1.01	new template applied	02/15/2012
1.02	updated datasheet	10/03/2017

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



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