

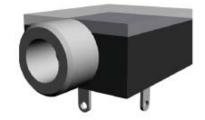
**date** 02/07/2012

page 1 of 3

**SERIES:** SJ1-351XN | **DESCRIPTION:** 3.5 MM AUDIO JACKS

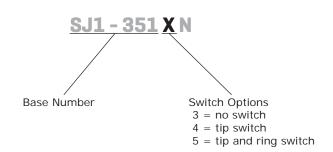
#### **FEATURES**

- · right angle
- non-threaded
- · metal bushing





# **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	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawl force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles

# **SOLDERABILITY**

\*When measured at a current of less than 100 mA / 1 kHz

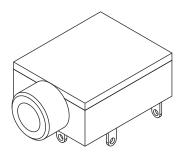
Notes:

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

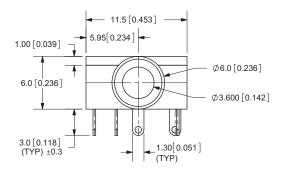
# **MECHANICAL DRAWING**

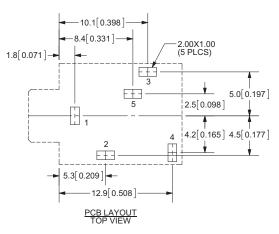
units: mm[inches]

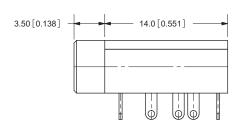
TOLERANCE:  $X.X \pm 0.2mm$  $X.XX \pm 0.1mm$  $X.XXX \pm 0.05mm$ 

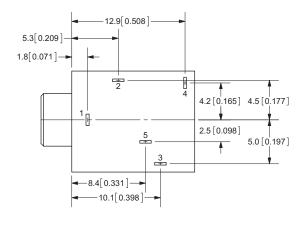


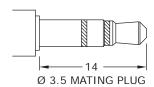
	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
terminal 4	brass	tin
terminal 5	brass	tin
bushing	brass	nickel
spring	stainless steel	
cover	PC transparent	
plastic	PBT	











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Model No.	SJ1-3513N	SJ1-3514N	SJ1-3515N
Schematic	○1 ○3 ○3 ○2	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	09/06/2006
1.01	new template applied	02/07/2012

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



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

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