CUI DEVICES

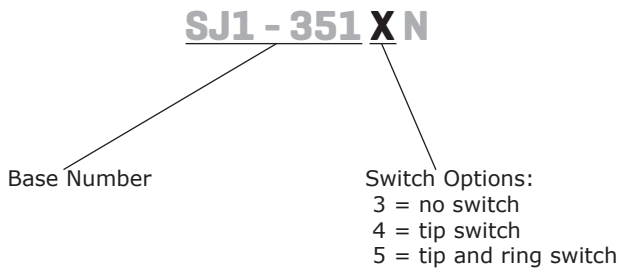
SERIES: SJ1-351XN | **DESCRIPTION:** 3.5 MM AUDIO JACK

FEATURES
- right angle
- non-threaded
- metal bushing



RoHS

PART NUMBER KEY



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance[1]	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
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	yes				

Notes: 1. When measured at a current of less than 100 mA / 1 kHz

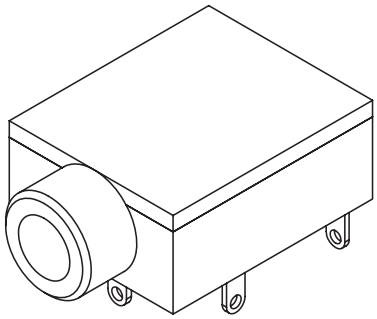
SOLDERABILITY

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

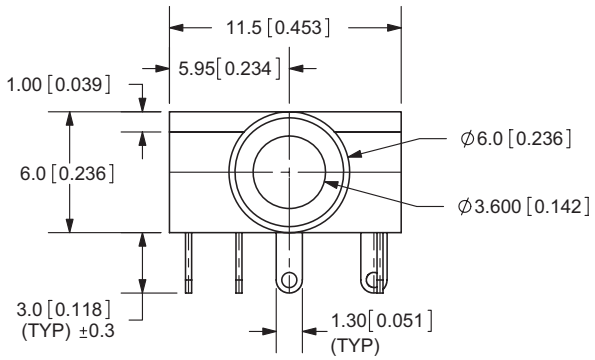
MECHANICAL DRAWING

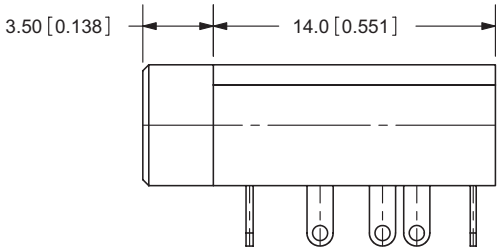
units: mm[inches]

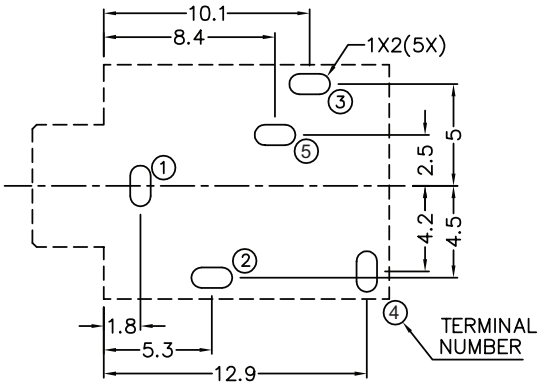
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



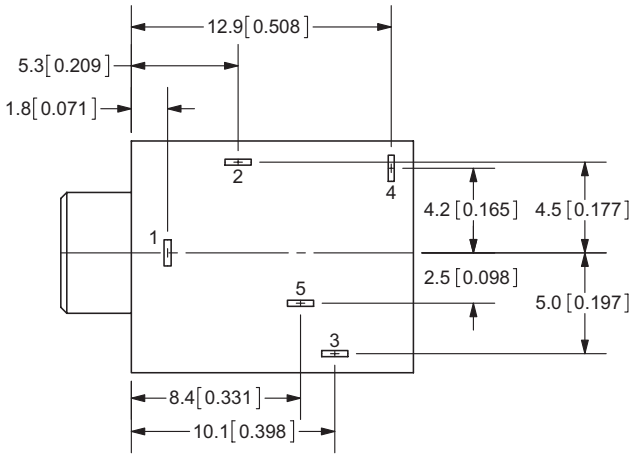
	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	brass	silver
terminal 3	brass	silver
terminal 4	brass	silver
terminal 5	brass	silver
bushing	brass	nickel
spring	stainless steel	
cover	PBT	
plastic	PBT	

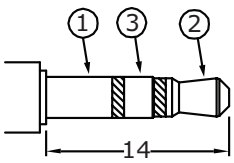




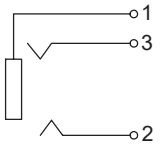
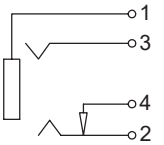
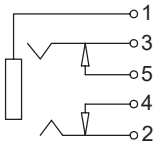


PCB LAYOUT
TOP VIEW





Ø3.5 MATING PLUG

Model No.	SJ1-3513N	SJ1-3514N	SJ1-3515N
Schematic			
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
1.02	changed top cover to PBT	04/19/2017
1.03	changed terminal plating to silver	02/12/2019
1.04	brand update	10/09/2019

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

CUI DEVICES

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