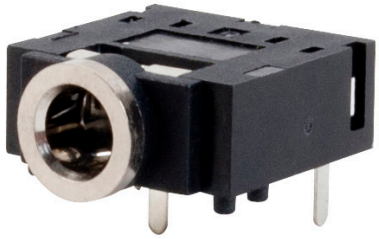
CUI DEVICES

SERIES: SJ1-352XN | **DESCRIPTION:** 3.5 MM AUDIO JACK

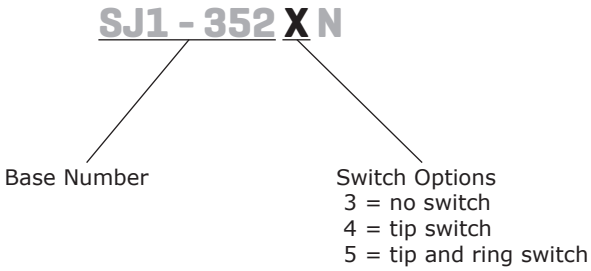
FEATURES

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



RoHS

PART NUMBER KEY



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
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	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: *When measured at a current of less than 100 mA / 1 kHz

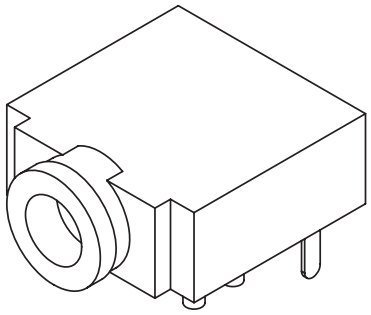
SOLDERABILITY

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

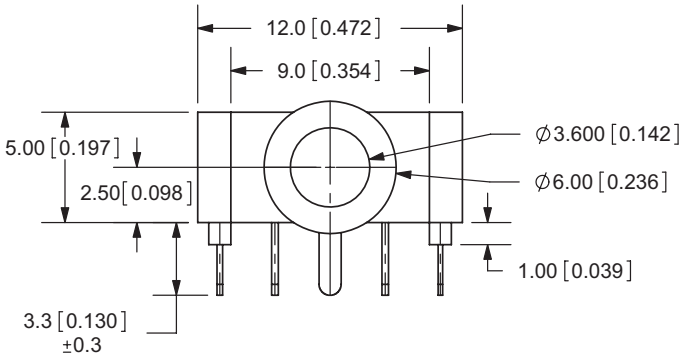
MECHANICAL DRAWING

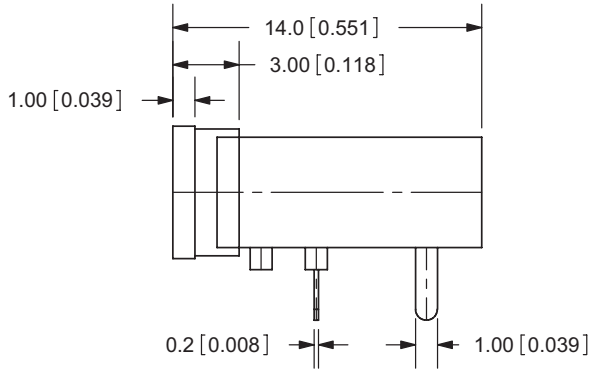
units: mm[inches]

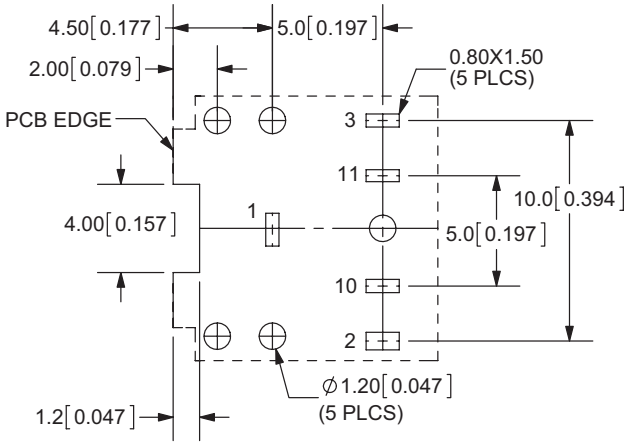
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



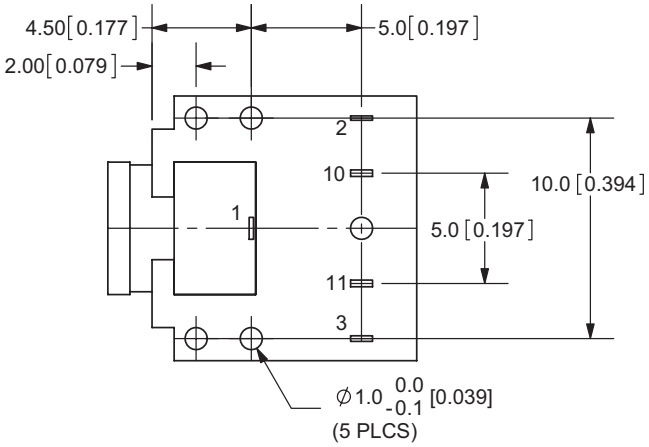
	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 10	brass	silver
terminal 11	brass	silver
bushing	brass	nickel
plastic	PBT	

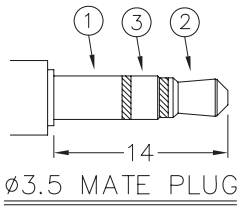




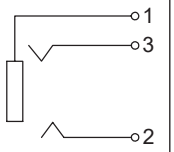
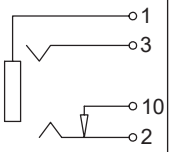
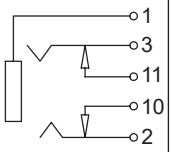


PCB LAYOUT
TOP VIEW





Ø3.5 MATE PLUG

Model No.	SJ1-3523N	SJ1-3524N	SJ1-3525N
Schematic			
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
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

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

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