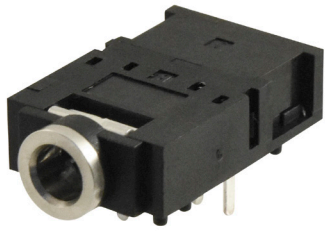
CUI DEVICES

SERIES: SJ-357XN | DESCRIPTION: AUDIO JACK

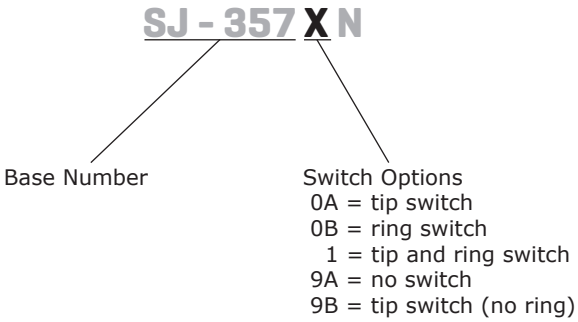
FEATURES

- PCB mount
- stereo
- right angle with isolated DPDT switch
- non-threaded
- plastic bushing on model SJ-3579AN, metal bushing on all other models



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[1]			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
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
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

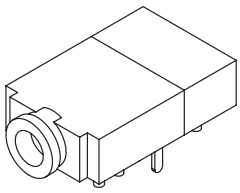
SOLDERABILITY

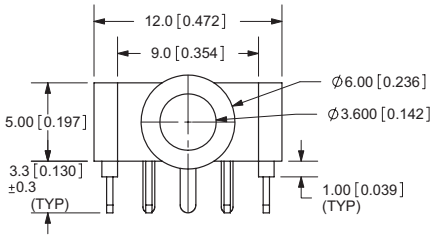
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds at	255	260	265	°C

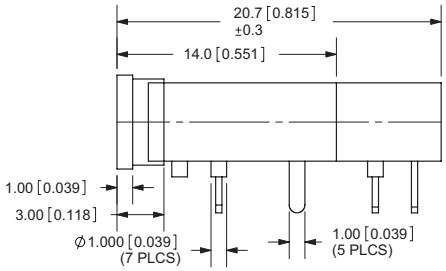
MECHANICAL DRAWING

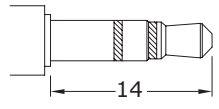
units: mm [inches]
tolerance: X.X=±0.2 mm
X.XX=±0.1 mm
X.XXX=±0.05 mm

	MATERIAL	PLATING
terminals 1, 3	copper alloy	silver
terminal 2	stainless steel	silver
terminals 4~9	brass	silver
terminal 10~11	brass	silver
bushing (SJ-3579AN)	PA66	
bushing (all other models)	brass	nickel
plastic	PA66	
contact clip	C5210	silver

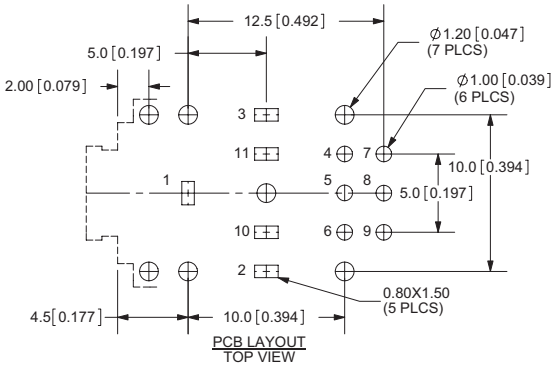


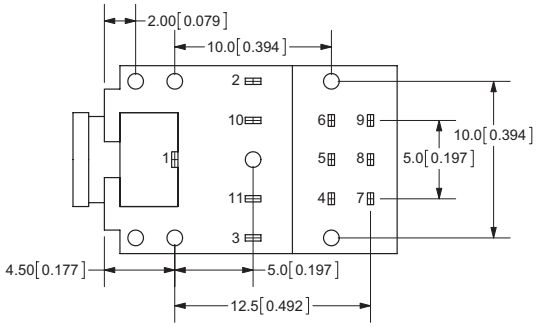


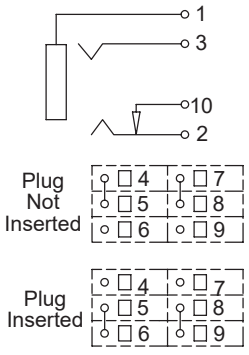
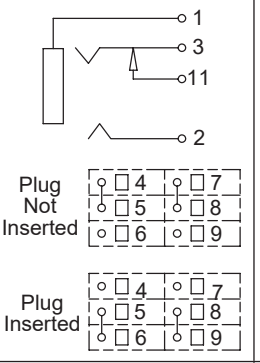
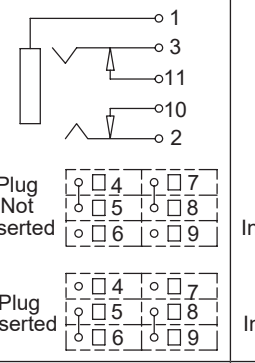
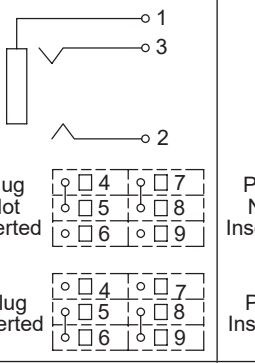
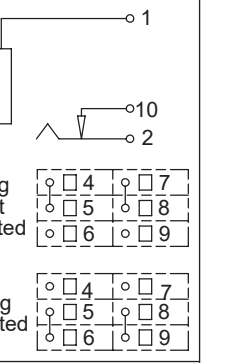




Ø 3.5 MATING PLUG





Model No.	SJ-3570AN	SJ-3570BN	SJ-3571N	SJ-3579AN[3]	SJ-3579BN
SCHEMATIC					
PIN					
1	sleeve	sleeve	sleeve	sleeve	sleeve
2	tip	tip	tip	tip	tip
3	ring	ring	ring	ring	NP
10	tip switch	NP	tip switch	NP	tip switch
11	NP	ring switch	ring switch	NP	NP

Note: 3. Model SJ-3579AN has plastic bushing

REVISION HISTORY

rev.	description	date
1.0	initial release	03/01/2006
1.01	new template applied	02/22/2012
1.02	changed material of terminal 2 to be stainless steel	04/05/2016
1.03	changed terminal plating to silver	02/13/2019
1.04	brand update	10/10/2019
1.05	updated bushing details on model SJ-3579AN	03/02/2020

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