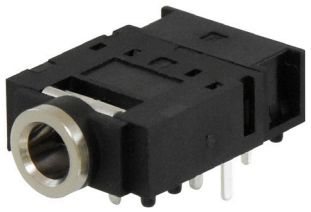
SERIES: SJ-356XN | DESCRIPTION: AUDIO JACK

FEATURES

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



RoHS

PART NUMBER KEY

SJ - 356 X N

Base Number

Switch Options
6A = no switch
6B* = tip switch (no ring)
7A* = tip switch
7B* = ring switch
8* = tip and ring switch

Notes: *Discontinued models SJ-3567AN, SJ-3567BN, SJ-3566BN, & SJ-3568N

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
terminal strength	any direction for 10 seconds			500	g
operating temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

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

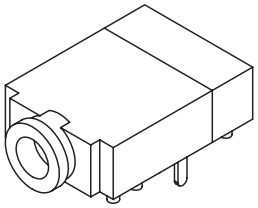
SOLDERABILITY

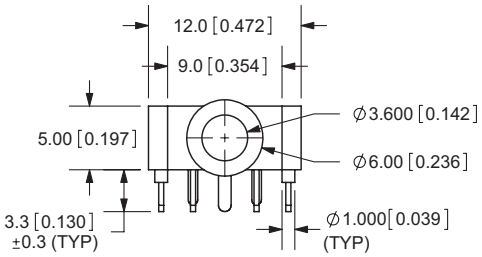
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5±0.5 seconds at	255	260	265	°C

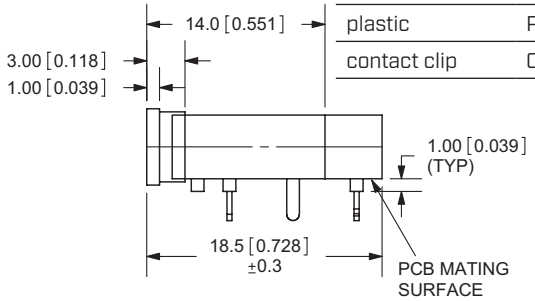
MECHANICAL DRAWING

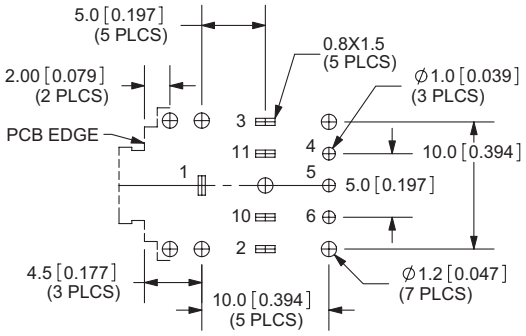
units: mm [inches]
tolerance: X.X=±0.5 mm
X.XX=±0.1 mm
X.XXX=±0.05 mm

	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	stainless steel	silver
terminal 3	copper alloy	silver
terminal 4	brass	silver
terminal 5	brass	silver
terminal 6	brass	silver
terminal 10	brass	silver
terminal 11	brass	silver
bushing	brass	nickel
plastic	PA66	
contact clip	C5210	silver

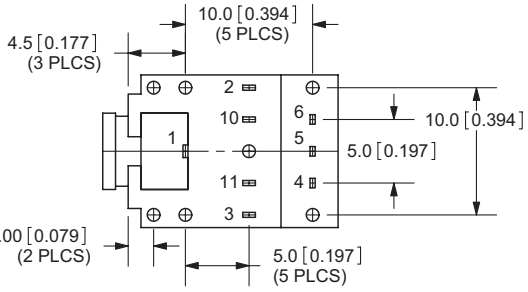


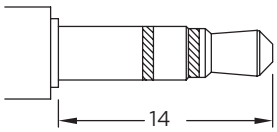


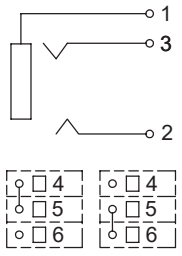
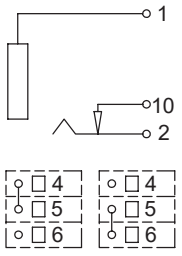
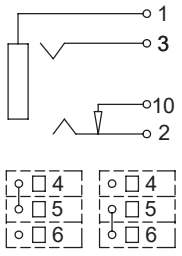
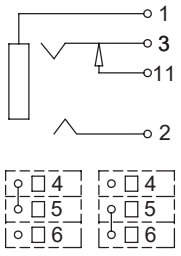
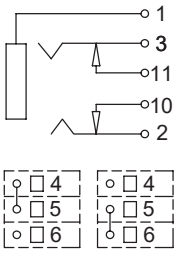




PCB LAYOUT
TOP VIEW





Model No.	SJ-3566AN	SJ-3566BN	SJ-3567AN	SJ-3567BN	SJ-3568N
Schematic					
	Plug Not Inserted / Plug Inserted	Plug Not Inserted / Plug Inserted	Plug Not Inserted / Plug Inserted	Plug Not Inserted / Plug Inserted	Plug Not Inserted / Plug Inserted
PIN					
1	sleeve	sleeve	sleeve	sleeve	sleeve
2	tip	tip	tip	tip	tip
3	ring	NP	ring	ring	ring
10	NP	tip switch	tip switch	NP	tip switch
11	NP	NP	NP	ring switch	ring switch

Note: 1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

REVISION HISTORY

rev.	description	date
1.0	initial release	09/13/2006
1.01	new template applied	12/13/2011
1.02	widened operating temperature range	09/25/2013
1.03	updated drawing	02/20/2015
1.04	changed material of terminal 2 to be stainless steel	04/05/2016
1.05	changed terminal plating to silver	02/13/2019
1.06	brand update	10/10/2019
1.07	discontinued models SJ-3567AN, SJ-3567BN, SJ-3566BN, & SJ-3568N; logo, datasheet style update	08/15/2022

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

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