

date 04/05/2016

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# **SERIES:** SJ-356XN DESCRIPTION: 3.5 MM AUDIO JACKS

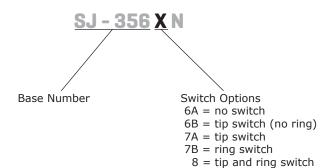
#### **FEATURES**

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





# **PART NUMBER KEY**



### **SPECIFICATIONS**

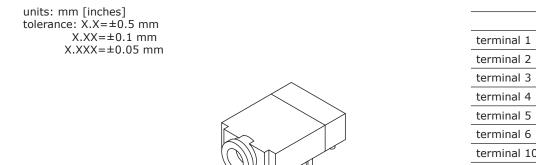
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance	between terminal and mating plug between terminal in a closed circuit <sup>1</sup>			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 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	2011/65/EU				

# **SOLDERABILITY**

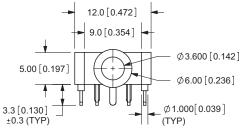
1. When measured at a current of less than 100 mA / 1 kHz

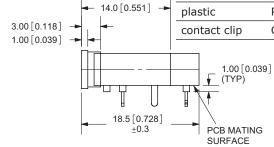
parameter	conditions/description	min	typ	max	units	
wave soldering	dipped in solder pot for 5±0.5 seconds at	255	260	265	°C	

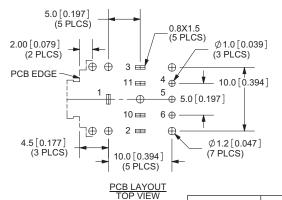
# **MECHANICAL DRAWING**

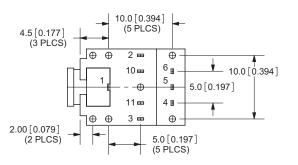


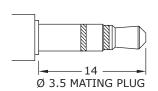
	MATERIAL	PLATING
terminal 1	copper alloy	tin
terminal 2	stainless steel	silver
terminal 3	copper alloy	tin
terminal 4	brass	silver
terminal 5	brass	silver
terminal 6	brass	silver
terminal 10	brass	tin
terminal 11	brass	tin
bushing	brass	nickel
plastic	PA66	
contact clip	C5210	silver











Model No.	SJ-3566AN	SJ-3566BN	SJ-3567AN	SJ-3567BN	SJ-3568N	
Schematic	0 1 0 3 0 3	°10	010 010 010	0 1 0 3 0 11 0 11	0 1 0 3 0 11 0 10 0 2	
	Plug Not Inserted	Plug Not Inserted	O 4 O 5 O 6 O 6 O C C C C C C C C C C C C C C C	o 4 o 5 o 5 o 6 Plug Plug Not Inserted	O 4 O 5 O 5 O 5 O 6 O 6 Plug Not 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	

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

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# **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	

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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