

**date** 01/03/2014

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**SERIES:** SJ-435107 | **DESCRIPTION:** 3.5 MM AUDIO JACK

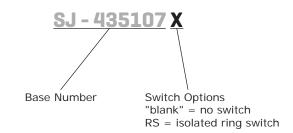
#### **FEATURES**

- grounded spring tabs
- shielded
- · metal bushing





## **PART NUMBER KEY**



# **SPECIFICATIONS**

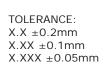
parameter	conditions/description	min	typ	max	units
rated input voltage	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		12		Vdc
rated input current				1.0	А
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			ΜΩ
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		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

## **SOLDERABILITY**

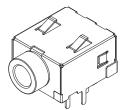
1. When measured at a current of less than 100 mA /1 kHz

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

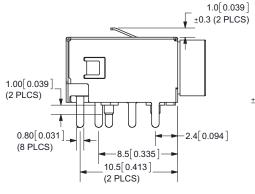
#### **MECHANICAL DRAWING**

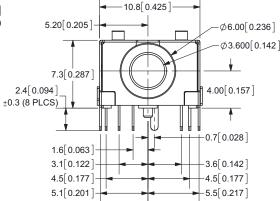


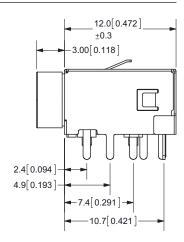
units: mm[inches]

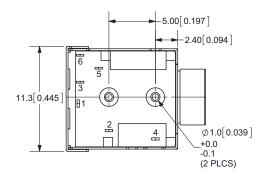


	MATERIAL	PLATING	
terminal (1~6)	copper alloy	tin	
shield	copper alloy	nickel	_
bushing	brass	nickel	
plastic	PA66		_

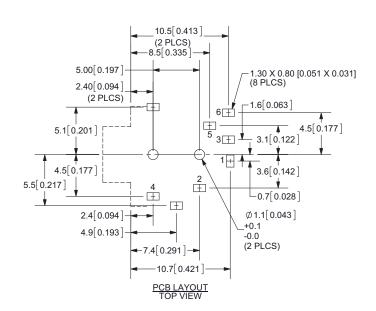


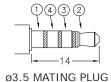






Model No.	SJ-435107	SJ-435107RS	
Schematic	01 04 02 03	0 1 0 4 0 2 0 3 0 5 0 6	
PIN			
1	sleeve	sleeve	
2	tip	tip	
3	ring 1	ring 1	
4	ring 2	ring 2	
5	NP	isolated ring 1	
6	NP	isolated ring 1 switch (N-O)	





#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	02/23/2012
1.01	updated schematic and spec	06/07/2012
1.02	added drawing dimension, updated spec	01/03/2014

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



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