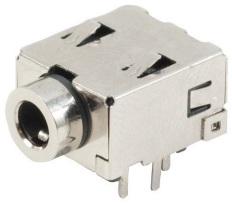
CUI DEVICES

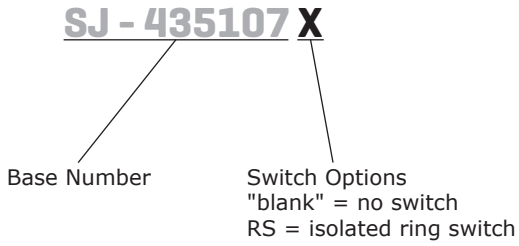
SERIES: SJ-435107 | **DESCRIPTION:** 3.5 MM AUDIO JACK

FEATURES
- grounded spring tabs
- shielded
- metal bushing



RoHS

PART NUMBER KEY



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1.0	A
contact resistance[1]	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 50/60Hz 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	yes				

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

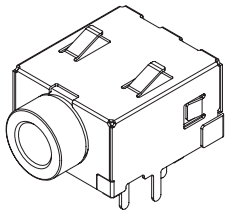
SOLDERABILITY

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

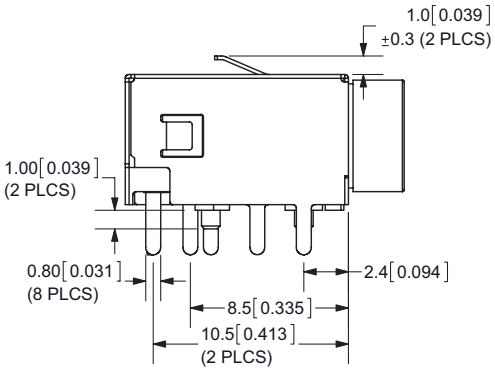
MECHANICAL DRAWING

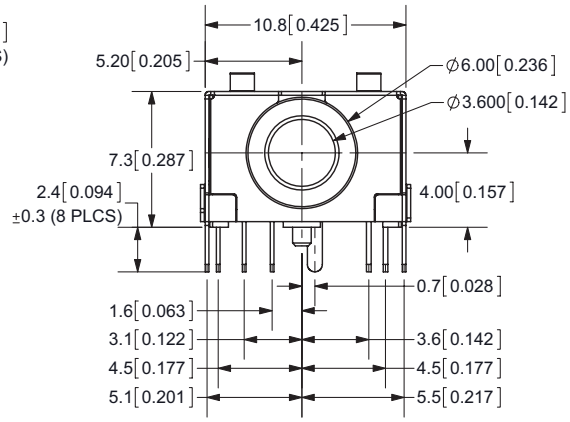
units: mm[inches]

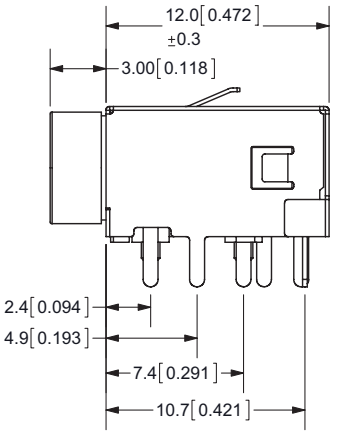
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm

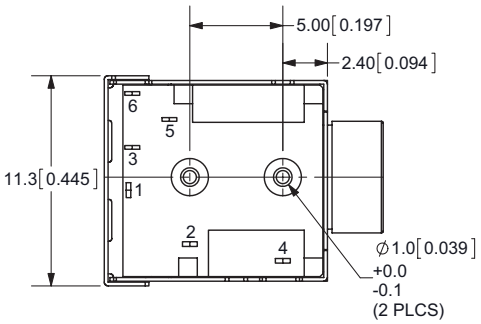


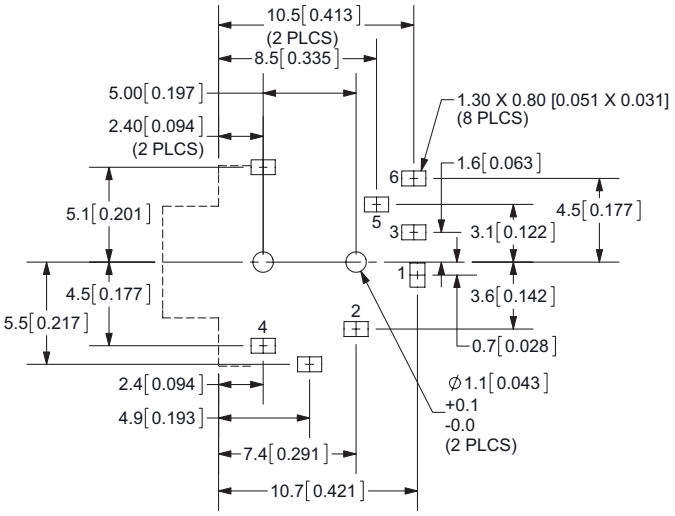
	MATERIAL	PLATING
terminal (1~6)	copper alloy	tin
shield	copper alloy	nickel
bushing	brass	nickel
plastic	PA66	



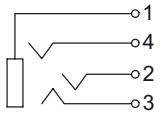
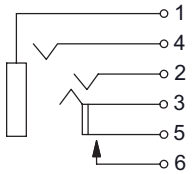


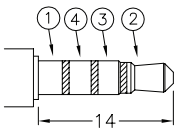






PCB LAYOUT
TOP VIEW

Model No.	SJ-435107	SJ-435107RS
Schematic		
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)



ø3.5 MATING PLUG

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
1.03	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.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

cuidevices.com