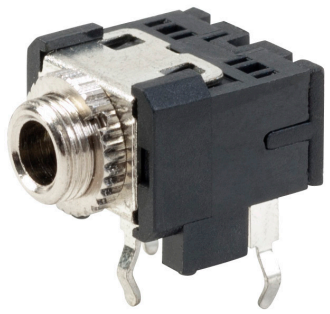
CUI DEVICES

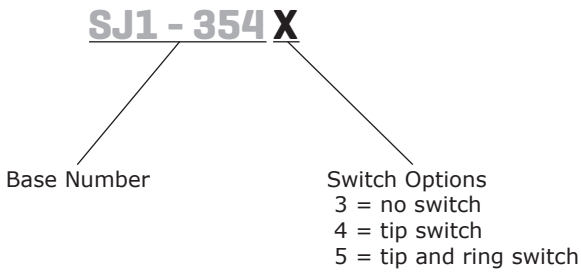
SERIES: SJ1-354X | DESCRIPTION: AUDIO JACK

FEATURES
- PCB mount
- stereo
- right angle with kinked pins
- threaded with nut
- metal bushing



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*			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
RoHS	yes				

Notes: *When measured at a current of less than 100 mA / 1 kHz

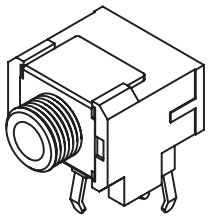
SOLDERABILITY

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

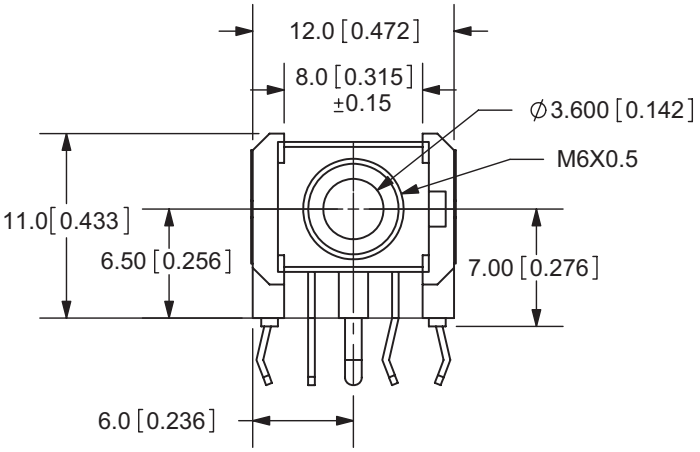
MECHANICAL DRAWING

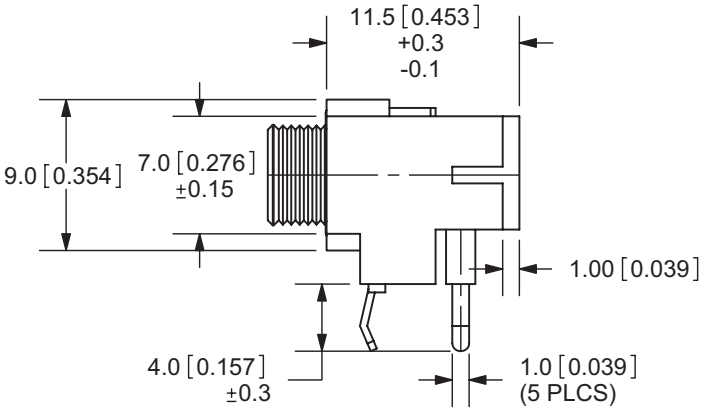
units: mm[inches]

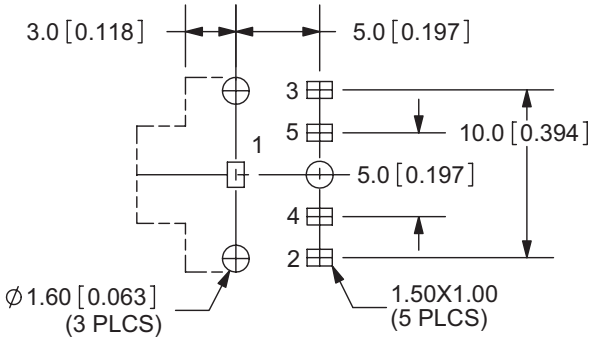
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



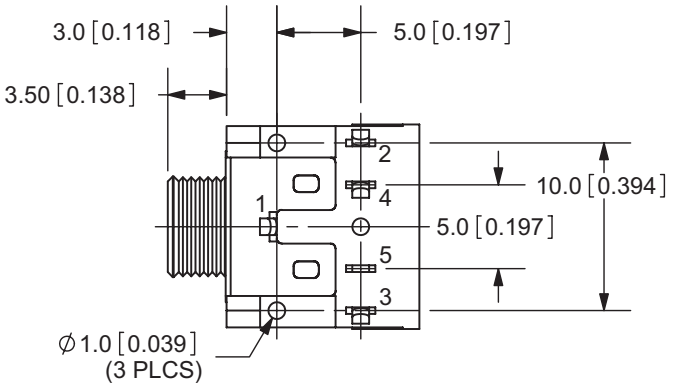
	MATERIAL	PLATING
terminal 1	cold rolled steel	nickel
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
terminal 4	brass	tin
terminal 5	brass	tin
bushing	brass	nickel
plastic	PBT	

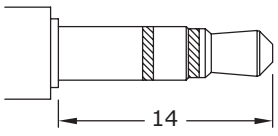




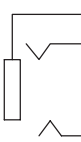
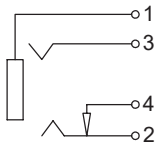
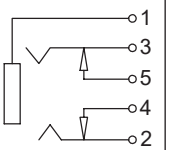


PCB LAYOUT
TOP VIEW



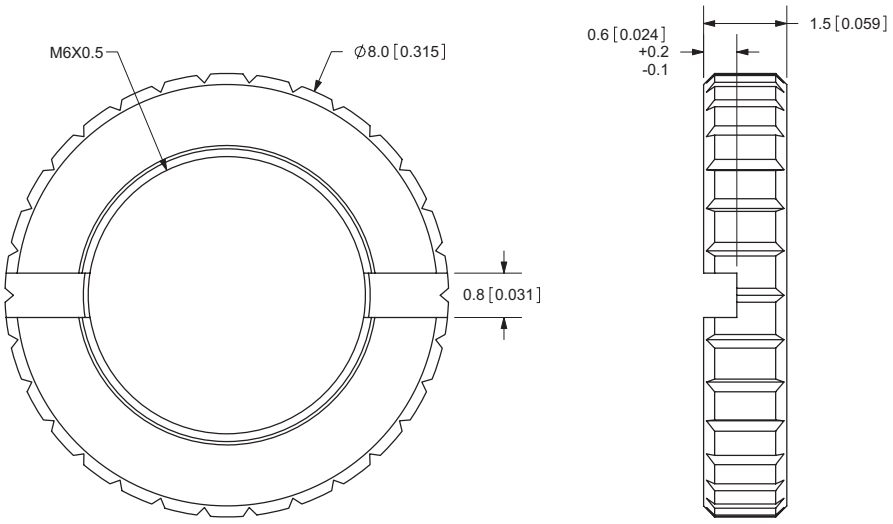


Ø 3.5 MATING PLUG

Model No.	SJ1-3543	SJ1-3544	SJ1-3545
Schematic			
PIN			
1	sleeve	sleeve	sleeve
2	tip	tip	tip
3	ring	ring	ring
4	NP	tip switch	tip switch
5	NP	NP	ring switch

MECHANICAL DRAWING (CONTINUED)

units: mm[inches]



REVISION HISTORY

rev.	description	date
1.0	initial release	02/07/2006
1.01	new template applied	04/12/2012
1.02	brand update	01/31/2020

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

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