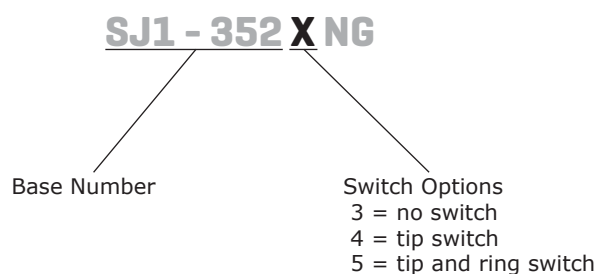


SERIES: SJ1-352XNG | **DESCRIPTION:** 3.5 MM AUDIO JACKS

FEATURES

- low profile design
- switch options include:
 - no switch
 - tip 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	A
contact resistance	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit*			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawl force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles

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

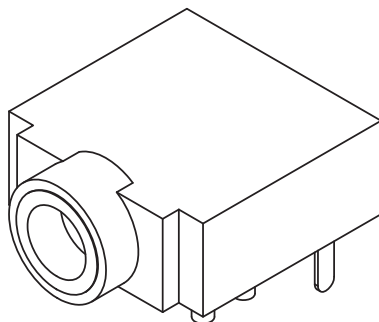
SOLDERABILITY

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

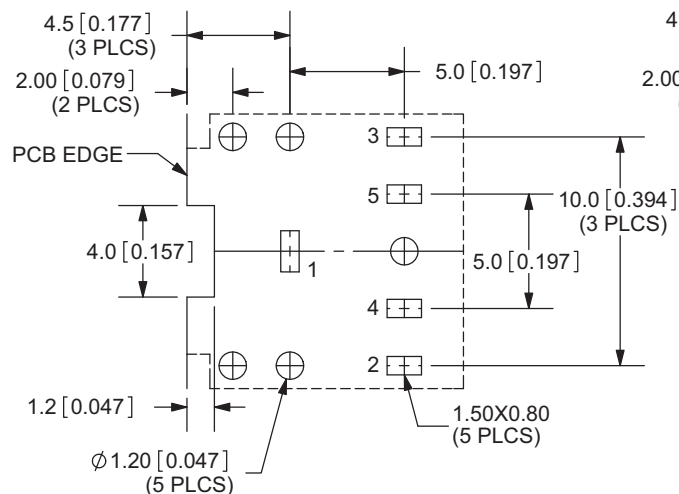
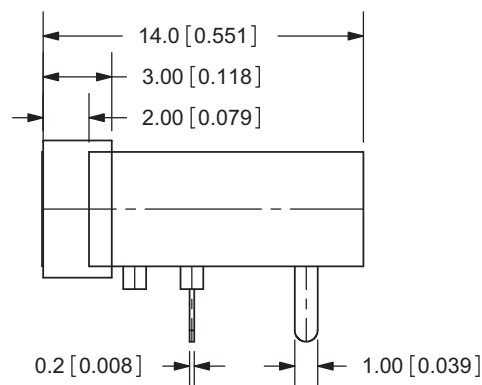
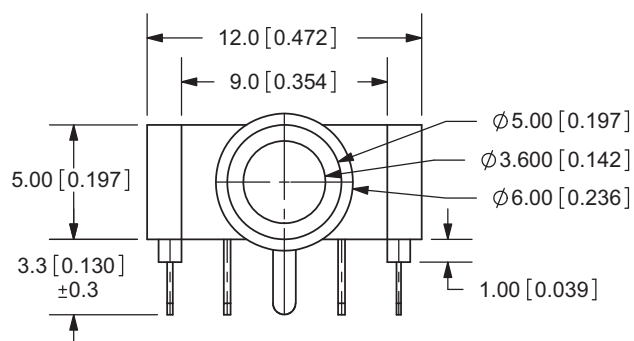
MECHANICAL DRAWING

units: mm[inches]

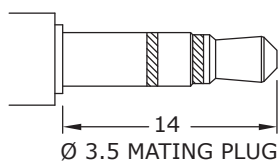
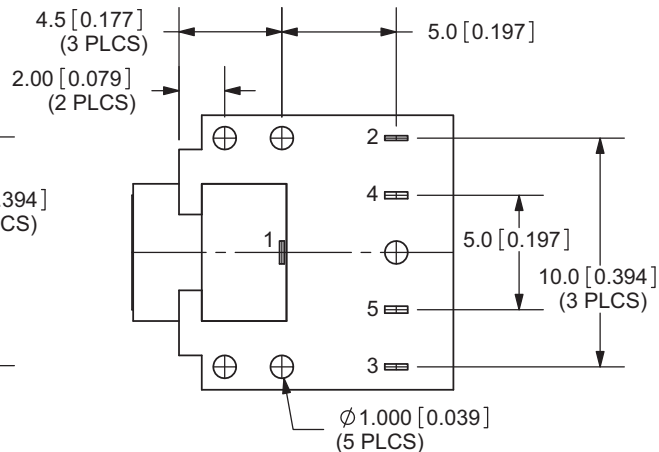
TOLERANCE:
 X.X ± 0.2 mm
 X.XX ± 0.1 mm
 X.XXX ± 0.05 mm



	MATERIAL	PLATING
terminal 1	copper alloy	tin
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

PIN	SJ1-3523NG	SJ1-3524NG	SJ1-3525NG
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

REVISION HISTORY

rev.	description	date
1.0	initial release	10/21/2005
1.01	new template applied	12/20/2011

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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