

## Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)

[SJ1-3535N](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

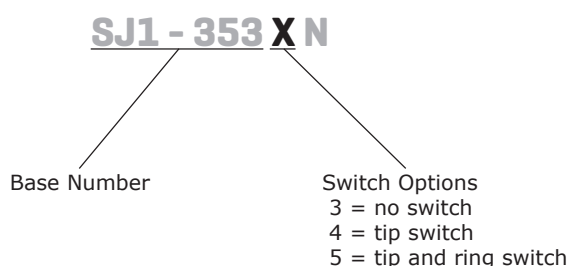
**SERIES:** SJ1-353XN | **DESCRIPTION:** 3.5 MM AUDIO JACKS

**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 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/withdrawl force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-35		85	°C
life			5,000		cycles

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

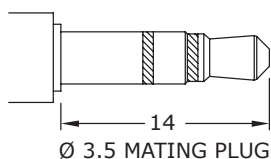
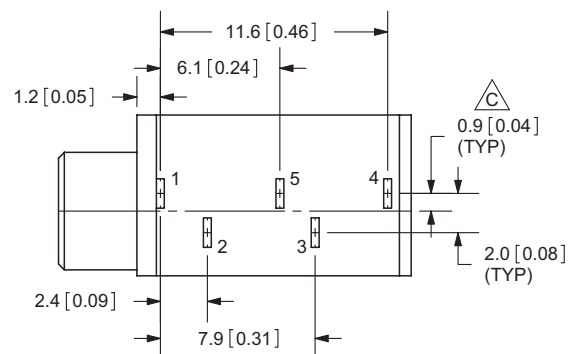
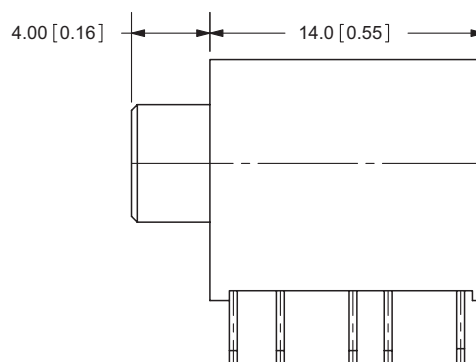
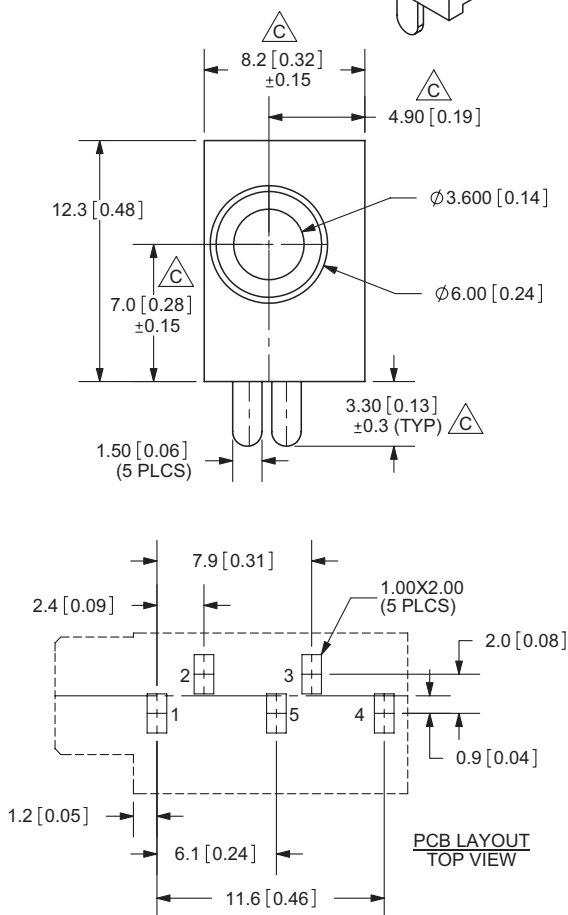
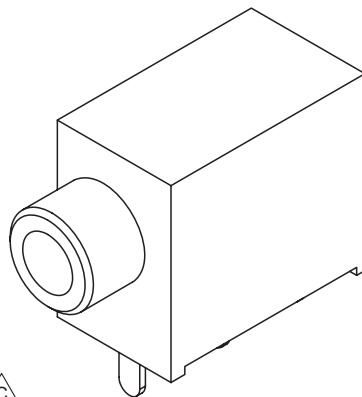
**SOLDERABILITY**

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  $\pm 0.2$ mm  
X.XX  $\pm 0.1$ mm  
X.XXX  $\pm 0.05$ mm



	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
terminal 4	brass	tin
terminal 5	brass	tin
bushing	brass	nickel
spring	stainless steel	
plastic	PBT	

Model No.	SJ1-3533N	SJ1-3534N	SJ1-3535N
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	09/18/2009
1.01	new template applied	01/27/2012

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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