

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[CUI Inc.](#)

[SJ1-3545N](#)

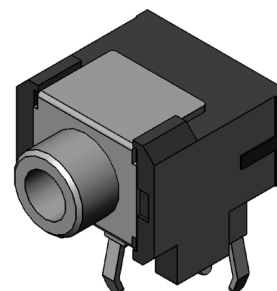
For any questions, you can email us directly:

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

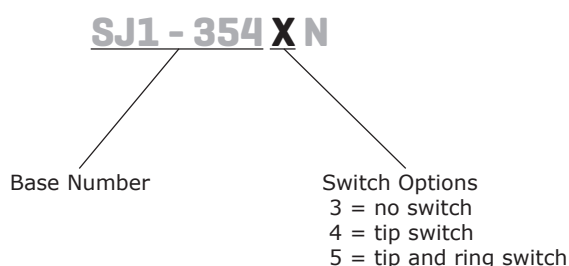
**SERIES:** SJ1-354XN : **DESCRIPTION:** 3.5 MM AUDIO JACKS

**FEATURES**

- ring and tip switch options
- metal bushing
- kinked pins



**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		-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

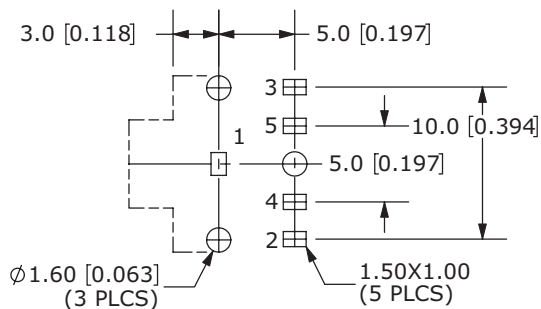
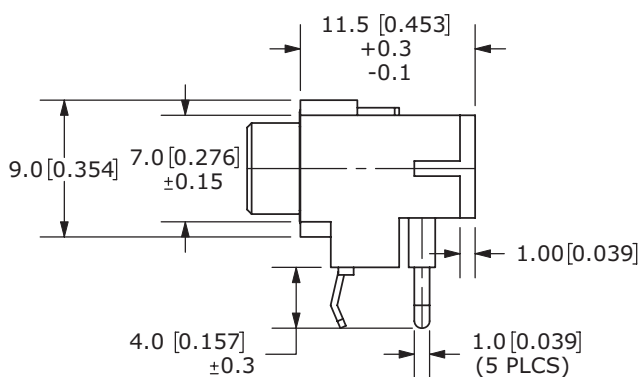
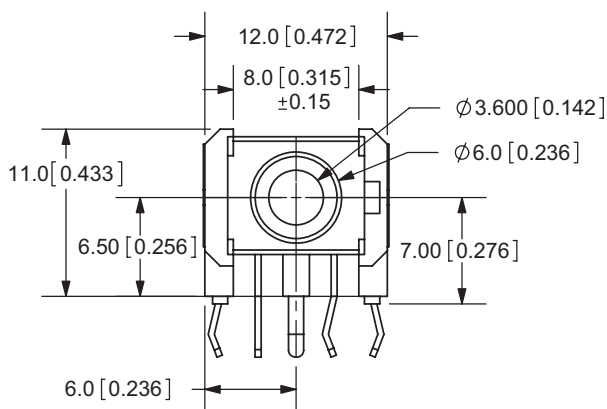
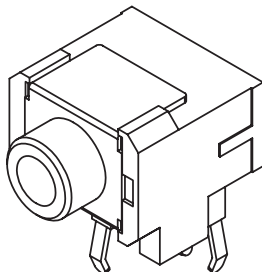
units: mm[inches]

TOLERANCE:

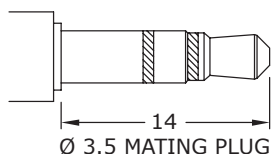
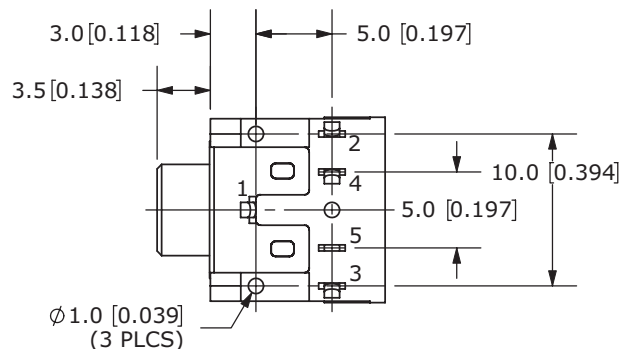
X.X  $\pm 0.2$ mm

X.XX  $\pm 0.1$ mm

X.XXX  $\pm 0.05$ mm



PCB LAYOUT  
TOP VIEW



	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
spring	stainless steel	
plastic	PBT	

Model No.	SJ1-3543N	SJ1-3544N	SJ1-3545N
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



Distributor of CUI Inc.: Excellent Integrated System Limited

Datasheet of SJ1-3545N - CONN JACK STEREO R/A 5PIN 3.5MM

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

For more information, please visit the [product page](#).

CUI Inc SERIES: SJ1-354XN DESCRIPTION: 3.5 MM AUDIO JACKS

date 02/02/2012 page 3 of 3

## REVISION HISTORY

rev.	description	date
1.0	initial release	10/27/2005
1.01	new template applied	02/02/2012

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



**CUI INC**

**Headquarters**

20050 SW 112th Ave.  
Tualatin, OR 97062  
**800.275.4899**

Fax 503.612.2383

**cui.com**

[techsupport@cui.com](mailto:techsupport@cui.com)

CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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

CUI 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.