

# Home Phone Networking Analog Magnetics Module

## Electrical Specification @25

IC Grade Transfer-Molded Package withstand 235°C IR Reflow

Isolation Voltage: 1500Vrms 0.5mA 1Second (Input to Output)

Insertion Loss: -2.2dB Max @4.25MHz ~ 9.75MHz

Return Loss: -9.0dB Minimum @4.25MHz ~ 9.75MHz

Attenuation: -60dB Min @1.1MHz

-35dB Min @22MHz

-60dB Min @54MHz

CMRR: -50dB @1MHz ~ 10MHz

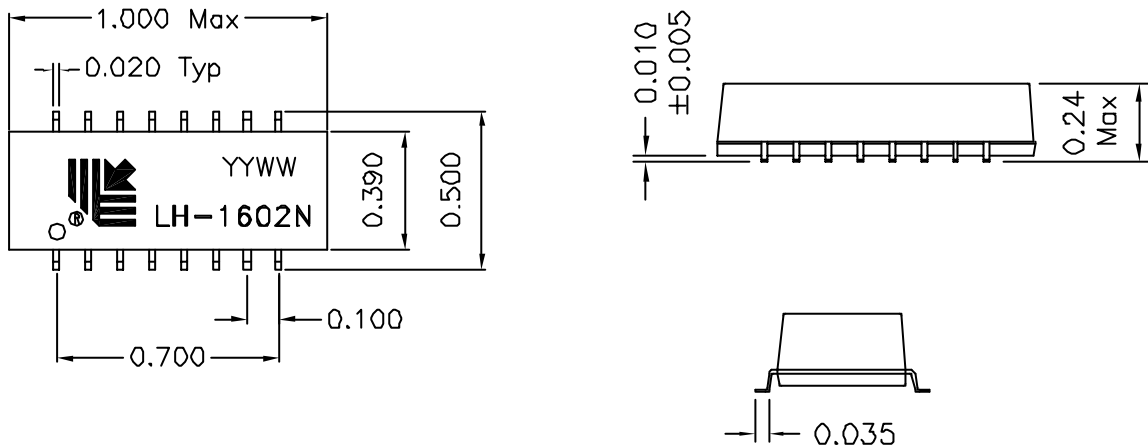
Characteristic Filter Impedance: 100Ω

Cut-off Frequency: 3.5MHz (Lower Band)

11.5MHz (Upper Band)

Operating Temperature: -40°C ~ +85°C

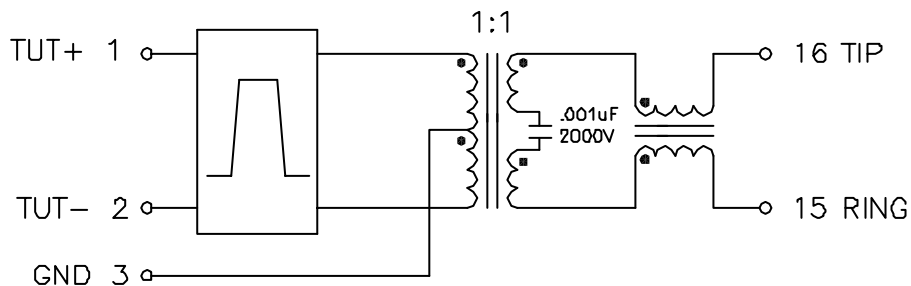
## Mechanicals:



## Schematics:

Chip Side

Cable Side



\*Specification Subject to Change Without Notice

P/N: LH-1602N	DIMENSIONS IN INCH	Unless otherwise specified Dim. Tolerances are: .xxx ±0.010	REV: A1	DRWN:	DATE: 03-10-04
	SCALE: NONE		PAGE: 1/1	APPD:	DATE: