

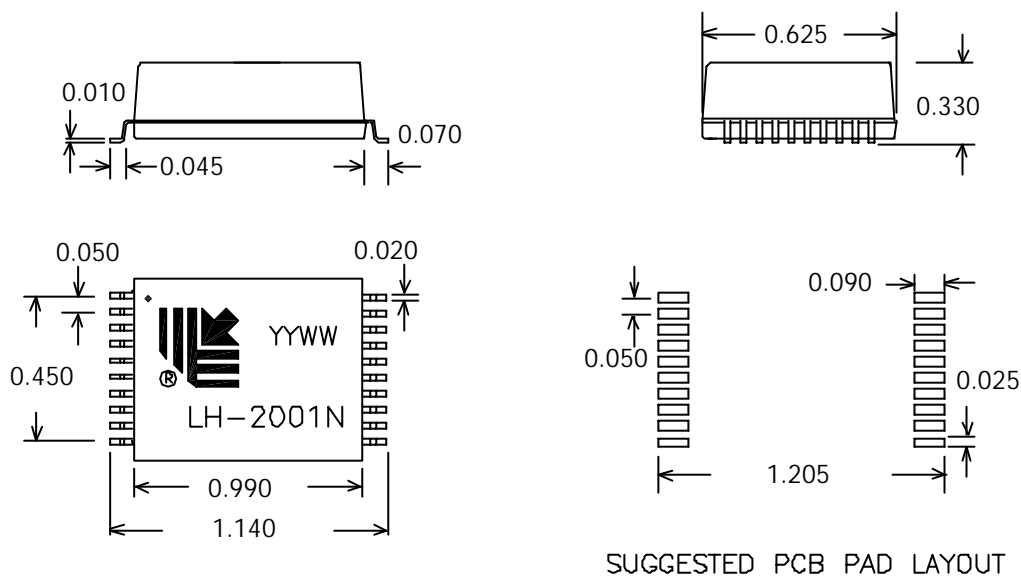
# 1/10 Mbps Filter Modules

## HomeLAN Magnetics Module

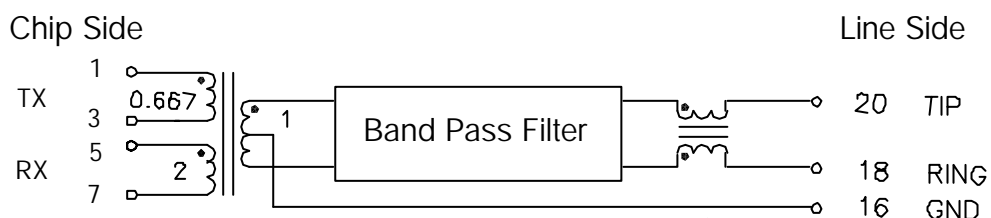
### Electrical Specifications: @25

Isolation Voltage: 1500 Vrms (Input to Output)  
 Designed to work with Broadcom BCM4210  
 Turns Ratio: PRI/SEC TX 0.667:1/RX 2:1  
 Insertion Loss: -1.0dB Min / -2.2dB Max @4.25MHz ~ 9.75MHz  
 Return Loss: -12dB Minimum @6MHz ~ 9MHz  
 Passband Frequency: 4.25MHz ~ 9.75MHz  
 Attenuation: -60dB Min @1.1MHz / -35dB Min @22MHz / -60dB Min @54MHz  
 Input Impedance: 2.0k ohms @100khz  
 Common to Differential Mode Rejection: -40dB Min @200KHz~22MHz

### Mechanicals:



### Schematics:



Specification subject to change without notice

P/N: LH-2001N	DIMENSIONS IN INCH	Unless otherwise specified Dim. Tolerances are: .xxx ±0.010	REV: B1	DRWN:	DATE: 03-10-04
	SCALE: NONE		PAGE: 1/1	APPD:	DATE: