

# 1000 BASE-T MAGNETICS MODULES

## LAN - 1000

### FEATURES:

- 1:1 Turns Ratio
- Full Duplex Compatible
- IEEE 802.3 Compliant

### OPTIONS:

- Tape & Reel is Standard
- Bulk upon request

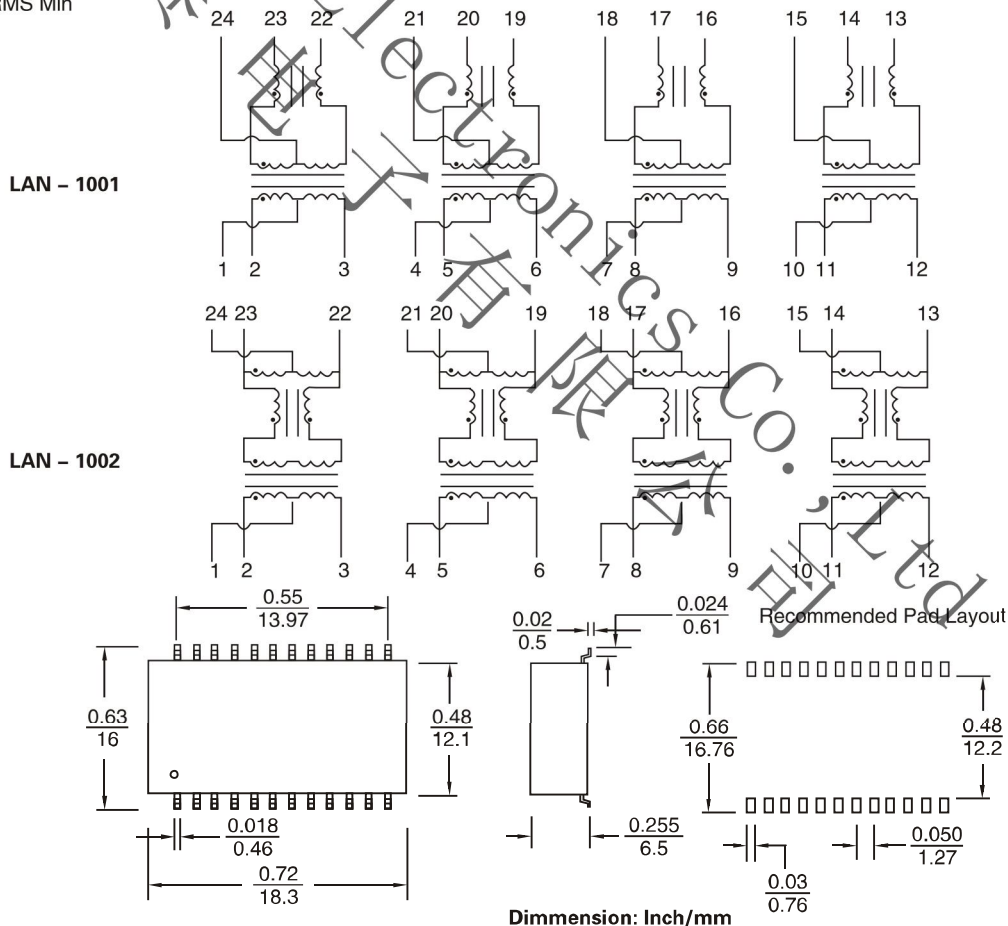
### COMMON APPLICATIONS:

- Gigabit Ethernet 100/1000 Base -T
- 4 pair Category 5 UTP cable

## STANDARD SPECIFICATIONS

Part Number	Return Loss (dB Min @ 100Ω)					Differential to Common Mode Rejection(dB Min)			Cross talk (dB Min)		
	1-30 MHz	40 MHz	50 MHz	60-80 MHz		30 MHz	60 Max	100 Max	30 Max	60 Max	100 Max
LAN-1001	18	14.4	13.1	12	10	43	37	33	45	40	35
LAN-1002	18	14.4	13.1	12	10	43	37	33	45	40	35

Insertion Loss: 1.0dB Max @ 1-100MHz OCL:350 μH Min 8mA DC bias (line side)  
Hipot:1500 VRMS Min



## TECHNICAL INFORMATION:

- Soldering methods: Wave, Reflow
- Operating Temperature: 0°C to 70°C
- Storage Temperature: -55°C to 125°C

Note: All specifications subject to change without notice.

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