

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

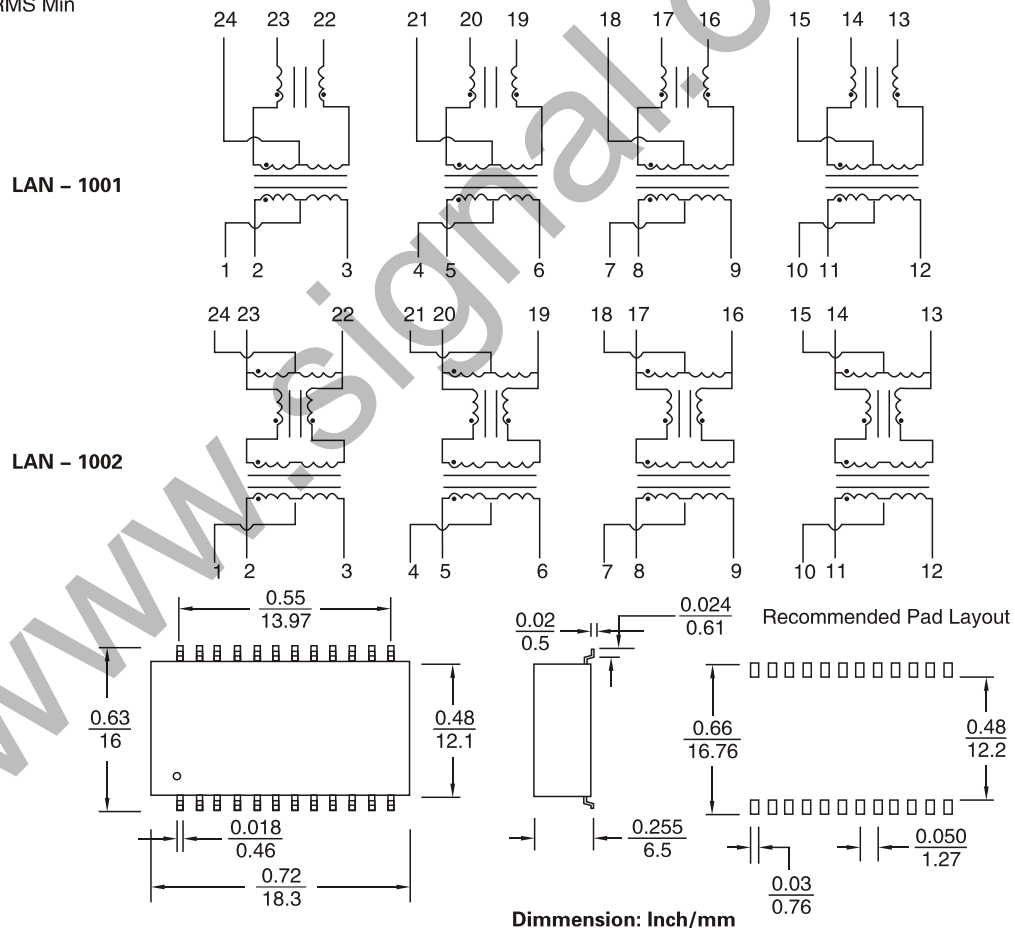
COMMON APPLICATIONS:

- 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 @ 1-100 Mhz 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.