



LAN-1001, LAN-1002

1000 BASE-T Magnetics Modules

FEATURES

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

OPTIONS

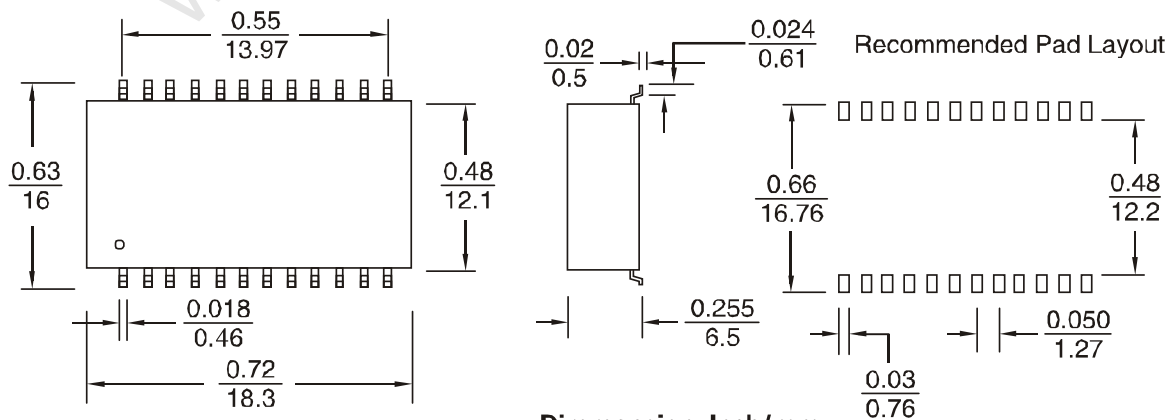
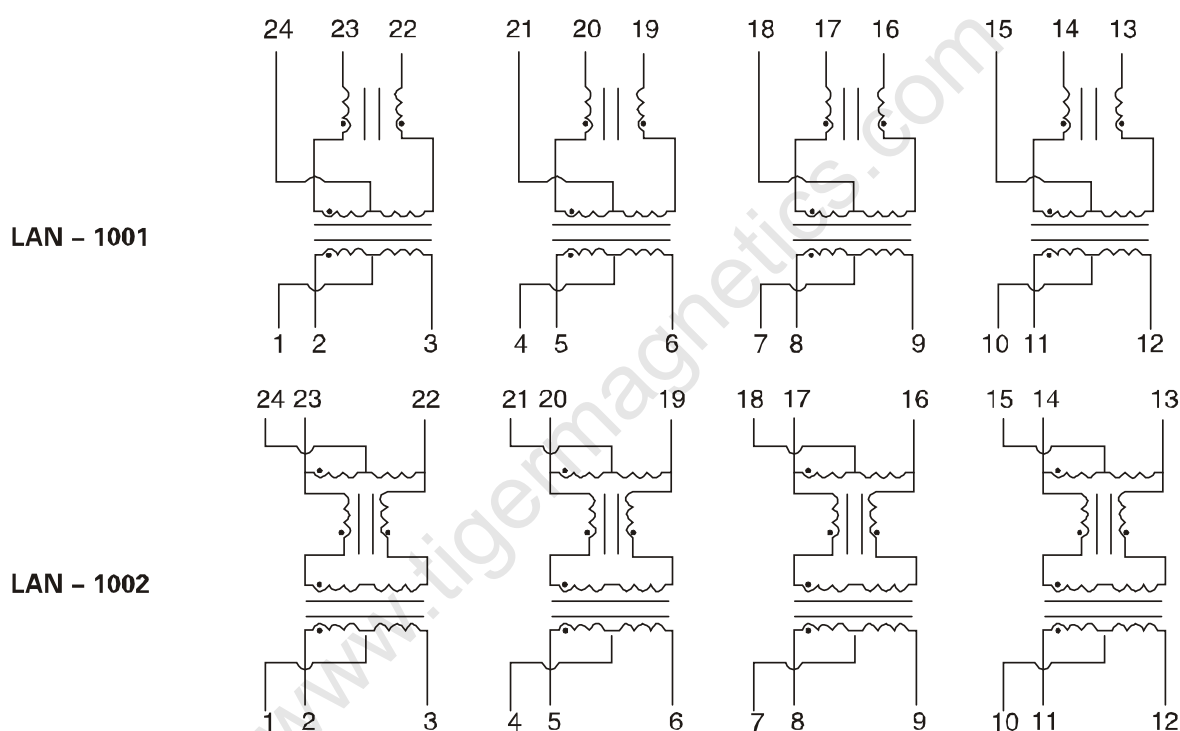
- Tape & Reel is Standard
- Bulk upon request

APPLICATIONS

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

Part Number	Return Loss (dB Min @ 1000)				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	43	37	33	45	40	35
LAN-1002	18	14.4	13.1	12	43	37	33	45	40	35

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



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