

10/100BASE-Tx Magnetics Module

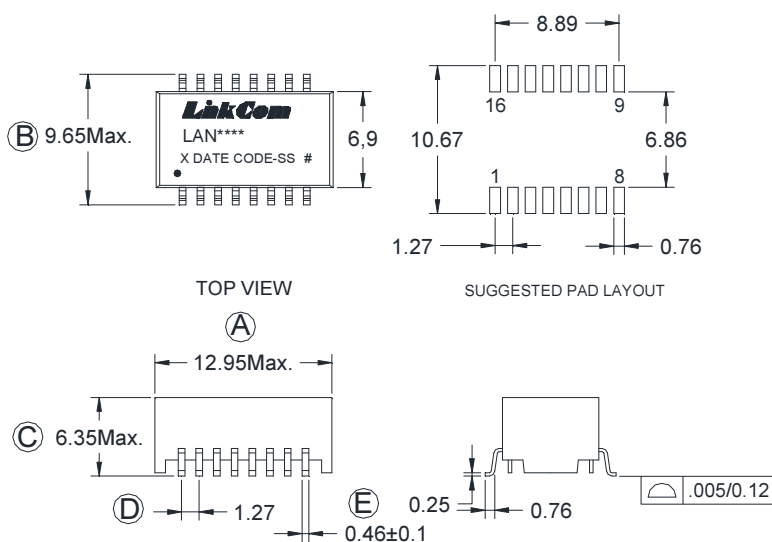
- Meets IEEE 802.3 standard
- RoHS Compliant
- Single port configuration
- Design for 100base-Tx transmission over UTP-5 cable
- Operating Temperature: 0°C ~+70°C

Electrical Specifications @25°C

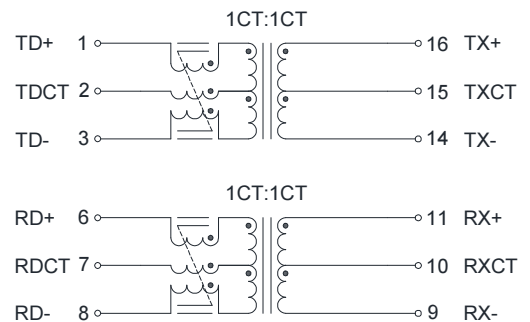
Inductance:	350uH Min. @100KHz/0.1V with 8mA DC Bias		
Hi-POT :	1500Vrms.		
Turn Ratio:	1CT:1CT±3%		
Insertion Loss:	-1.1dB Max.@1-100MHz		
Return Loss:	0.1-30MHz	40-50MHz	60-80MHz
	-16dB Min.	-12dB Min.	-10dB Min.
D.C.M.R. :	30MHz	60MHz	100MHz
	-43dB Min.	-37dB Min.	-32dB Min.
Cross Talk :	30MHz	60MHz	100MHz
	-43dB Min.	-37dB Min.	-32dB Min.

Dimensions

(Units: mm, Unless otherwise specified, all tolerances are ±0.25)



Schematic



Mark

1. LAN****----LAN1059
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS---- BLANK
5. #----G means RoHS

Package info

LAN1059-50R—Tape Reel