

10/100BASE-Tx Magnetics Module

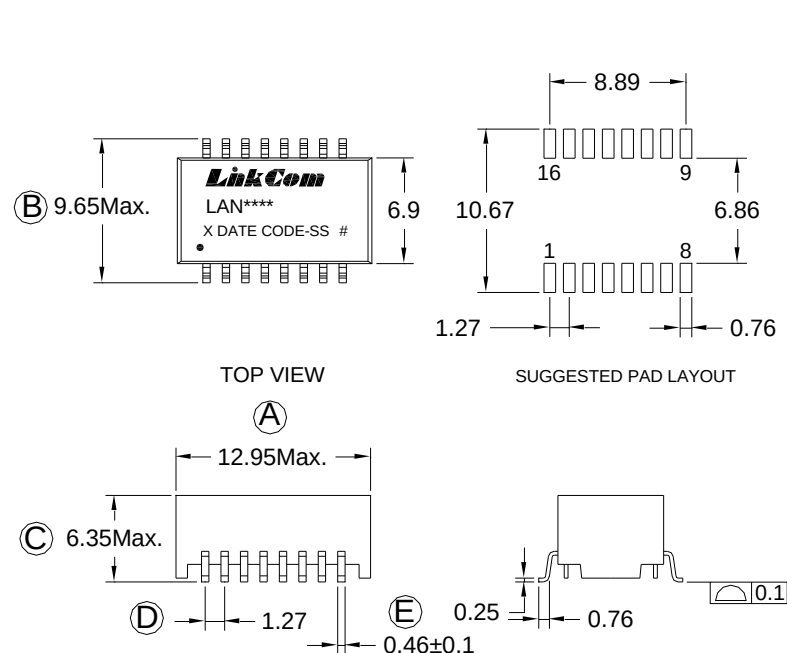
- Meets IEEE 802.3 standard
- RoHS Compliant
- Single port configuration
- Design for 100base-Tx transmission over UTP-5 cable
- Operating Temperature: 0°C ~+70°C

Electrical Specifications @25°C

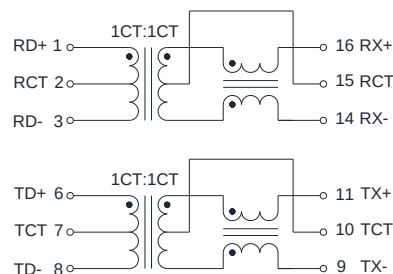
Inductance:	350uH Min. @100KHz/0.1V with 8mA DC Bias		
Hi-POT :	1500Vrms.		
Turn Ratio:	1CT:1CT±3%		
Insertion Loss:	0.1MHz	1-100MHz	
	-1.2dB Max.	-1.0dB Max.	
Return Loss:	0.1-30MHz	60MHz	80MHz
	-16dB Min.	-12dB Min.	-10dB Min.
D.C.M.R. :	30MHz	60-80MHz	100MHz
	-43dB Min.	-37dB Min.	-32dB Min.
Cross Talk :	30MHz	60-80MHz	100MHz
	-45dB Min.	-38dB Min.	-33dB Min.

Dimensions

Unit: mm Unless otherwise specified, all tolerances are ±0.25



Schematic



Mark

- 1.LAN****---LAN1102
2. X---PRODUCT LINE or BLANK
3. DATE CODE---YYWW
- 4.SS---80
5. #---G means RoHS

Package info

LAN1102-80R—Tape Reel