

10/100BASE-Tx Power over Ethernet (PoE) Magnetics Module

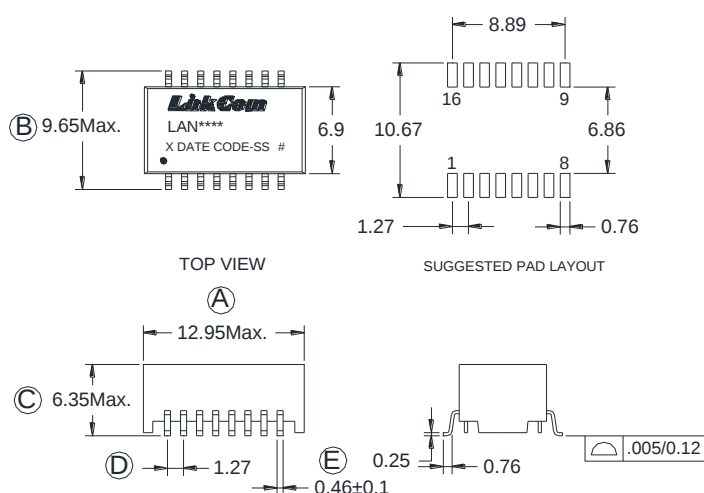
- Meets IEEE 802.3af standard
- RoHS Compliant
- Single port configuration
- Designed for IP phone or switch applications with 350mA current capability
- Operating Temperature: -40°C ~+85°C

Electrical Specification @25°C

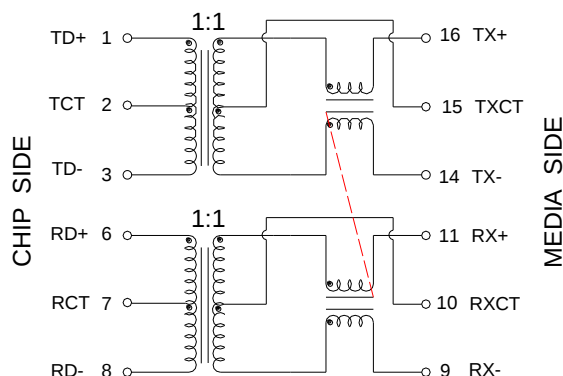
OCL:	350uH Min. @100KHz/0.1V with 8mA DC Bias			
Hi-POT :	1500V			
Turn Ratio:	1CT:1CT±3%			
Insertion Loss:	0.1MHz		1-100MHz	
	-1.2dB Max.		-1.0dB Max.	
Return Loss:	0.1-30MHz	40MHz	50MHz	60-80MHz
	-16dB Min.	-13dB Min.	-13dB Min.	-11dB Min.
D.C.M.R. :	30MHz	60MHz	100MHz	
	-45dB Min.	-40dB Min.	-35dB Min.	
Cross Talk :	30MHz	60MHz	100MHz	
	-43dB Min.	-37dB Min.	-33dB Min.	

Dimensions

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



Schematic



Mark

1. LAN****----LAN2019
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----91 OR BLANK
5. #----G means RoHS

Package info

LAN2019-91R—Tape Reel