

1G BASE-T Magnetics Module

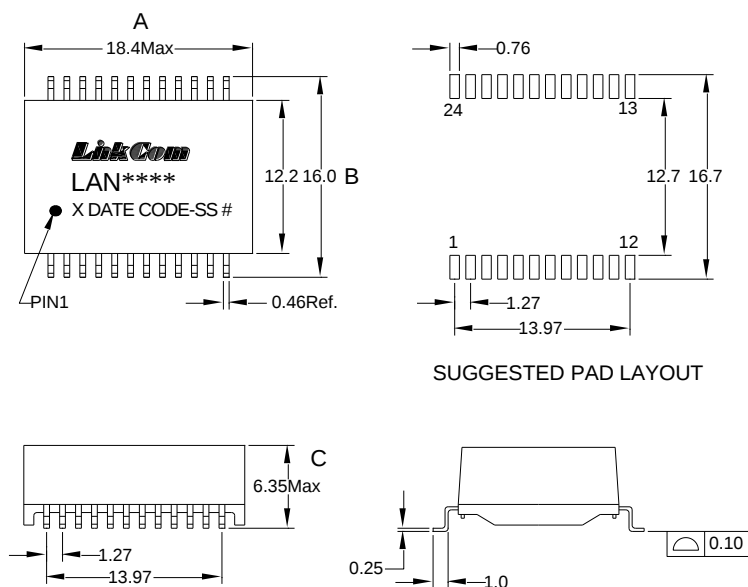
- Meets IEEE 802.3ab/at standard
- RoHS Compliant
- Single port configuration
- Suitable for End-span PoE application with 720mA current capability
- Operating Temperature: 0°C ~+70°C

Electrical Specifications @25°C

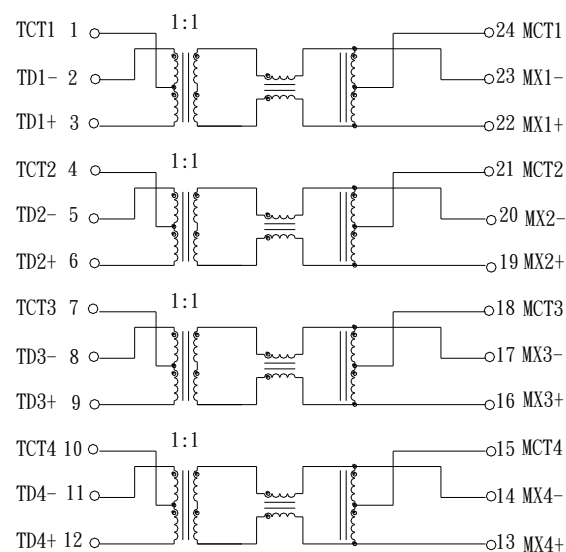
OCL:	350uH Min. @100KHz/0.1V with 8mA DC Bias	
Hi-POT :	1500Vrms.	
Turn Ratio:	1CT:1CT±3%	
Insertion Loss:	1-100MHz -1.0dB Max.	
Return Loss:	1-40MHz	40M-100MHz
	-16dB Min.	-16+20log(f/80)dB Min.
Cross Talk :	-30dB Min @1-100MHz	
D.C.M.R.	-30dB Min @1-100MHz	

Dimensions

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



Schematic



Mark

1. .LAN****----LAN5241
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----86 or BLANK
5. #----G means RoHS

Package info

LAN5241-86R—Tape Reel