

10G BASE-T Magnetics Module

- Meets IEEE 802.3an/bt standard
- Single port configuration
- RoHS Compliant
- Operating Temperature: 0°C ~+70°C

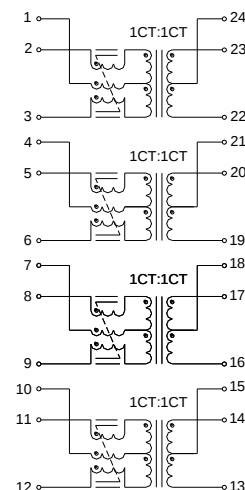
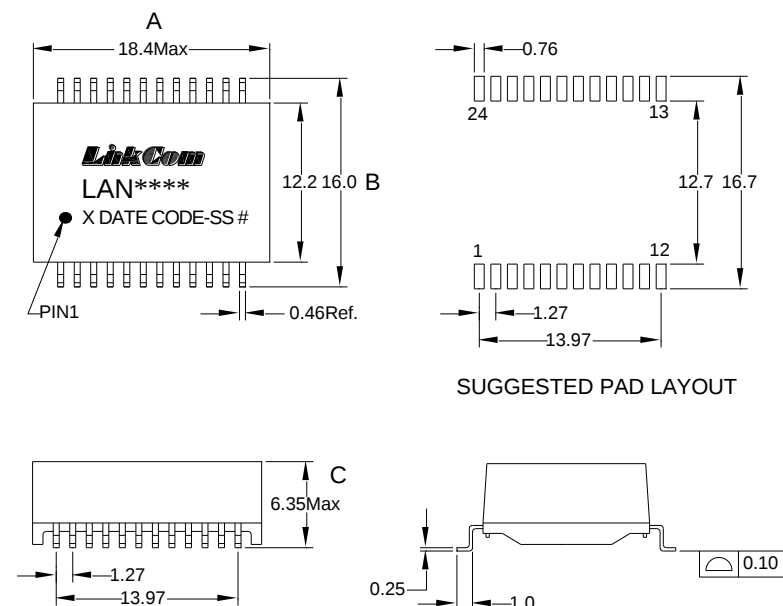
Electrical Specifications @25°C

OCL:	120uH Min. @100KHz/0.1V		
Hi-POT :	1500Vrms		
Turn Ratio:	1CT:1CT±3%		
Insertion Loss:	1-300MHz	400MHz	500MHz
	-1.5dB Max.	-2.0dB Max.	-3.0dB Max.
Return Loss:	1-40MHz	400MHz	500MHz
	-18dB Min.	-(18-10 log10(f /40))dB Min.	-(8-30 log10(f /400))dB Min.
Cross Talk :	1-100MHz	100-500MHz	
	-28dB Min.	-19dB Min.	
D.C.M.R.	1-250MHz	250-500MHz	
	-30dB Min.	-22dB Min.	

Dimensions

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

Schematic



Mark

1. LAN****----LAN8241
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----53 or BLANK
5. #----G means RoHS

Package info

LAN8241-53R— Tape Reel