

10G BASE-T Magnetics Module

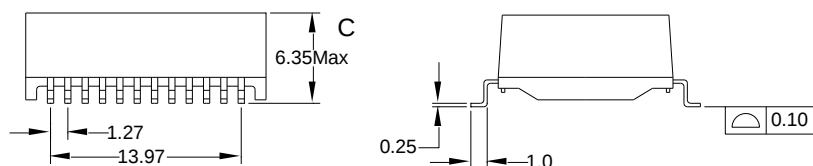
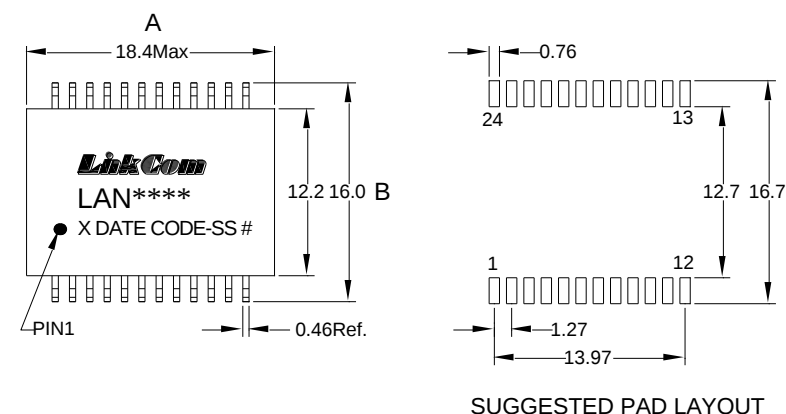
- Meets IEEE 802.3an standard
- Single port configuration
- RoHS Compliant
- Operating Temperature: 0°C~+70°C

Electrical Specifications @25°C

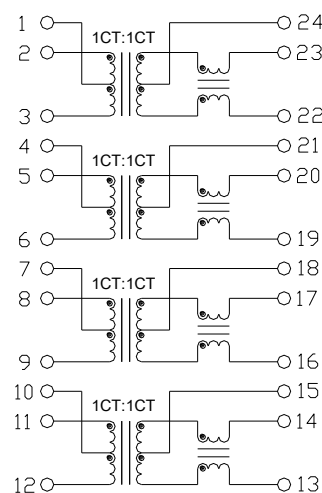
OCL:	120uH Min. @100KHz/0.1V		
Hi-POT :	1500Vrms		
Turn Ratio:	1CT:1CT±3%		
Insertion Loss:	1-300MHz	400MHz	500MHz
	-1.0dB Max.	-1.5dB Max.	-2.5dB Max.
Return Loss:	1-40MHz	400MHz	500MHz
	-18dB Min.	- (18-10 log ₁₀ (f /40))dB Min.	- (8-30 log ₁₀ (f /400))dB Min.
Cross Talk :	1-100MHz	100-500MHz	
	-40dB Min.	-30dB Typ.	
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----51 or BLANK
5. #----G means RoHS

Package info

LAN8241-51R— Tape Reel