

10G BASE-T Magnetics Module

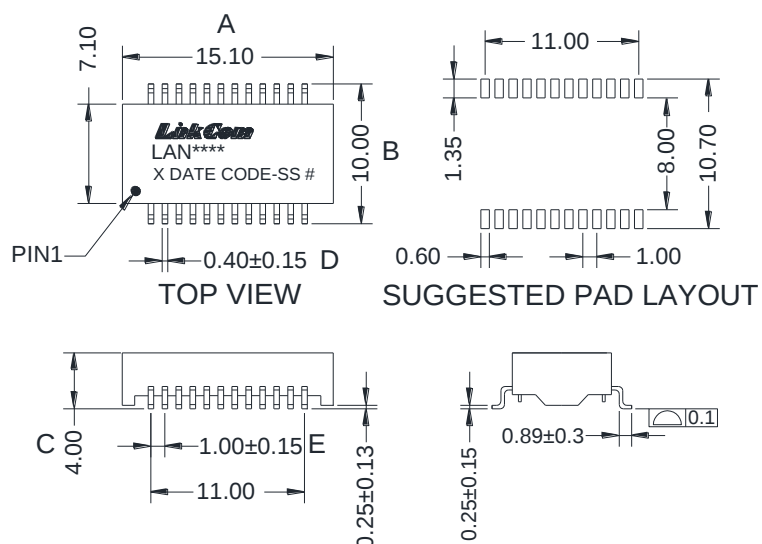
- Meets IEEE 802.3an standard
- Single port configuration
- RoHS Compliant
- Operating Temperature: 0°C~+70°C

Electrical Specifications @25°C

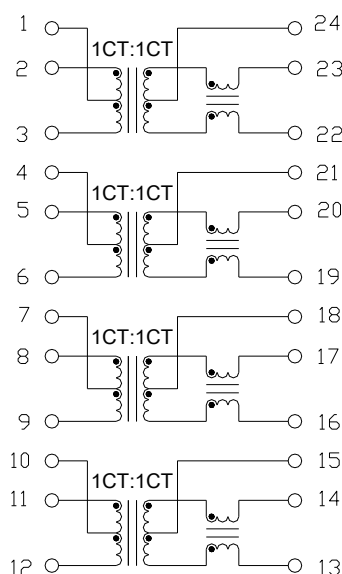
OCL:	120uH Min. @100KHz/0.1V		
Hi-POT :	1500Vrms		
Turn Ratio:	1CT:1CT±3%		
Insertion Loss:	100KHz	1-400MHz	500MHz
	-3.0dB Max.	-2.0dB Max.	-3.0dB Max.
Return Loss:	1-40MHz	40-400MHz	400-500MHz
	-18dB Min.	- (18-10 log ₁₀ (f /40))dB Min.	- (8-30 log ₁₀ (f /400))dB Min.
Cross Talk :	-25dB Typ.@1-500MHz		
D.C.M.R.	-25dB Typ.@1-500MHz		

Dimensions

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



Schematic



Mark

- 1.LAN****----LAN8242
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. #----G means RoHS

Package info

LAN8242-50R— Tape Reel