

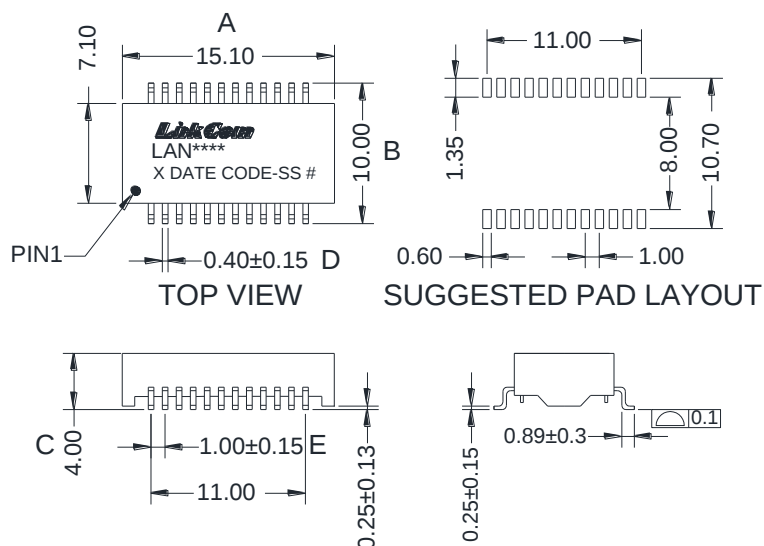
2.5G BASE-T Magnetics Module

- Meets IEEE 802.3bz/at standard
- RoHS Compliant
- Single port configuration
- Suitable for End-span PoE application with 600mA current capability
- Operating Temperature: -40°C~+85°C

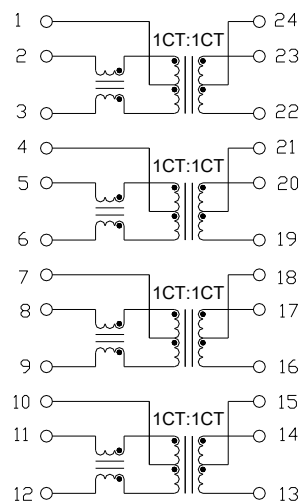
Electrical Specifications @25°C		
OCL:	180uH Min. @100KHz/0.1V	
Hi-POT :	1500Vrms.	
Turn Ratio:	1CT:1CT±3%	
Insertion Loss:	1-50MHz	50-125MHz
	-0.5dB Max.	-1.0 dB Max.
Return Loss:	1-40MHz	40-125MHz
	-20dB Min.	-20+15log10(f/40))dB Min.
Cross Talk :	-30dB Min.@1-125MHz	
D.C.M.R.:	1-30MHz	30-125MHz
	-48dB Min.	-44+19.2log10(f/50))dB Min.

Dimensions

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



Schematic



Mark

1. .LAN****----LAN7242
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----92 or BLANK
5. #---G means RoHS

Package info

LAN7242-92R—Tape Reel