

2.5G BASE-T Magnetics Module

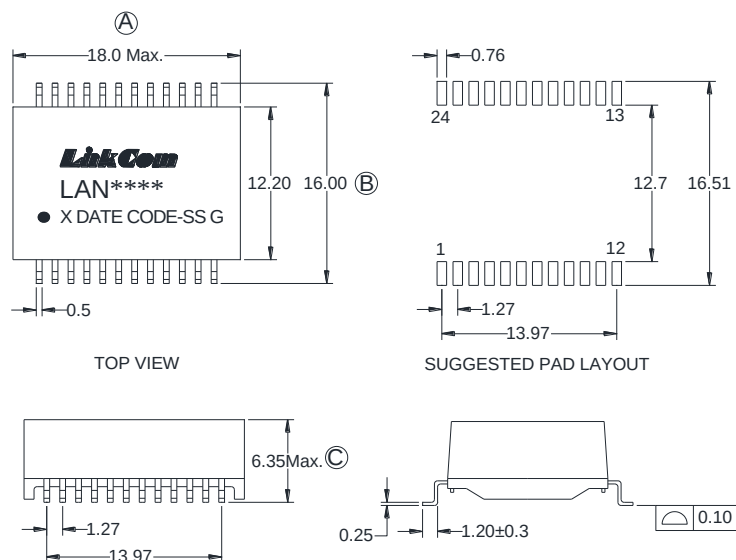
- Meets IEEE 802.3bz/bt standard
- RoHS Compliant
- Single port configuration
- Suitable for End-span PoE application with at(30w,PoE+) / bt(60w,4PPoE),600mA current capability
- Operating Temperature: 0°C ~+70°C

Electrical Specifications @25°C

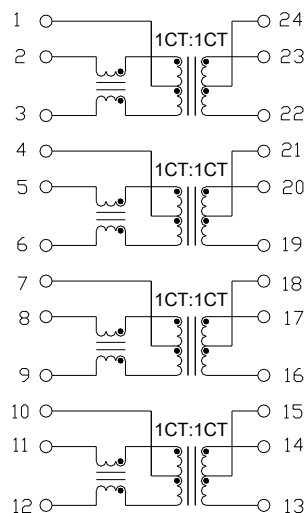
OCL:	150uH Min. @100KHz/0.1Vwith 8mA DC Bias	
Hi-POT :	1500Vrms.	
Turn Ratio:	1CT:1CT±3%	
Insertion Loss:	1-100MHz	100-125MHz
	-1.0dB Max.	-1.5dB Max.
Return Loss:	1-40MHz	40-125MHz
	-16dB Min.	-16+10log(f/40)dB Min.
Cross Talk :	-30dB Min @1-125MHz	
D.C.M.R.	-30dB Min @1-125MHz	

Dimensions

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



Schematic



Mark

1. .LAN****----LAN7241
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----52 or BLANK
5. G----RoHS

Package info

LAN7241-52R—Tape Reel