

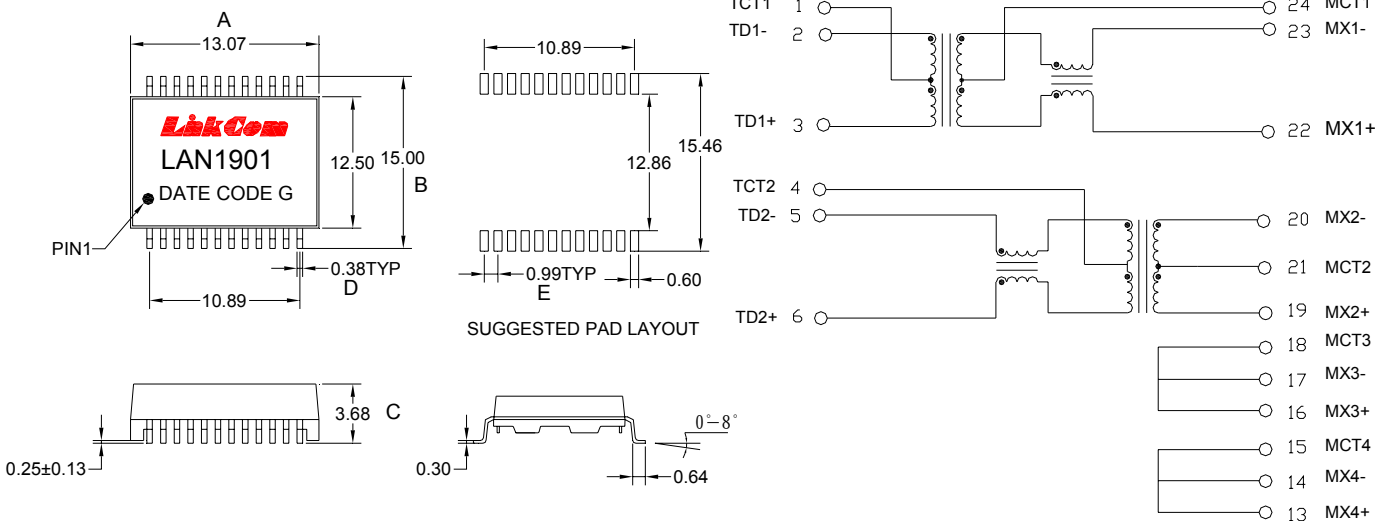
**10/100BASE-Tx Magnetics Module**

- Meets IEEE 802.3 standard
- RoHS Compliant
- Single port configuration
- Design for 100base-Tx transmission over UTP-5 cable
- Low profile packages for PC card and cardbus applications
- Operating Temperature: 0°C~70°C

Electrical Specification @25°C					
OCL:	350uH Min. @100KHz/0.1V with 8mA DC Bias				
Hi-POT :	1500Vrms.				
Turn Ratio:	1CT:1CT±3%				
D.C.R:	(2-3 ;20-19) 0.9ohm Max. ; (5-6 ;23-22) 1.3ohm Max.				
Insertion Loss:	0.1MHz	1-100 MHz			
	-1.2dB Max.	-1.0dB Max.			
Return Loss:	0.1-30MHz	40-50MHz	60-80MHz	100MHz	
	-16dB Min.	-13dB Min.	-11dB Min.	-10dB Min.	
D.C.M.R. :	2MHz	30MHz	60MHz	100MHz	
	-50dB Min.	-43dB Min.	-37dB Min.	-32dB Min.	
Cross Talk :	1MHz	10MHz	30MHz	60MHz	100MHz
	-55dB Min.	-50dB Min.	-45dB Min.	-38dB Min.	-33dB Min.

**Dimensions**

**Schematic**



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