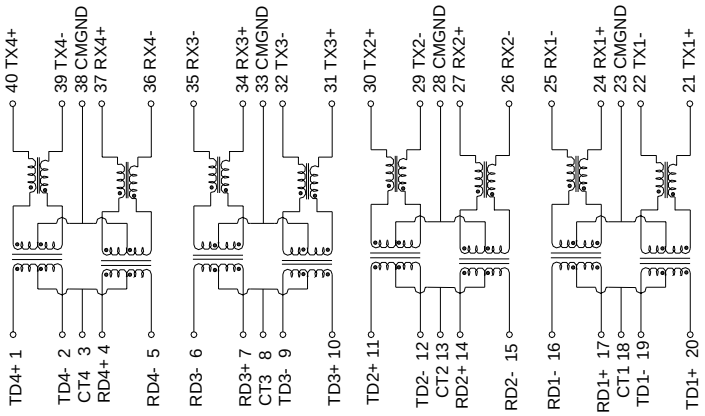
10/100BASE-Tx Magnetics Module

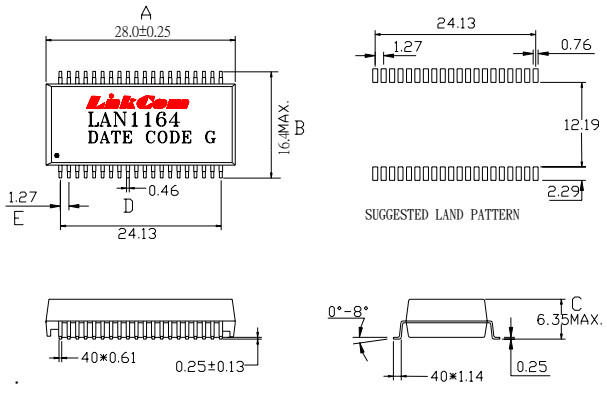
- Meets IEEE 802.3 standard
- RoHS Compliant
- Quad port configuration
- Design for 100base-Tx transmission over UTP-5 cable
- Operating Temperature: 0℃~70℃

Electrical Specification @25℃				
OCL:	350uH Min.@100KHz/0.1V with 8mA DC Bias			
Hi-POT :	1500Vrms			
Turn Ratio:	1:1±3%			
D.C.R:	0.9 ohm Max. @25°C			
Insertion Loss	0.1-100MHz: -1.0dB Max.			
Return Loss:	2-30MHz	40MHz	50MHz	60-80MHz
	-18dB Min.	-14.4dB Min.	-13.1dB Min.	-12 dB Min.
D.C.M.R. :	1-60MHz		60-200MHz	
	-40dB Min.		-30dB Min.	
C.M.R.R.	0.1~60MHz:-30dB Typ.			
Cross Talk :	1MHz	30MHz	60MHz	100MHz
	-55dB Min.	-45dB Min.	-40dB Min.	-33dB Min.

Schematic



Dimensions



Units: mm

Unless otherwise specified, all tolerances are ±0.25