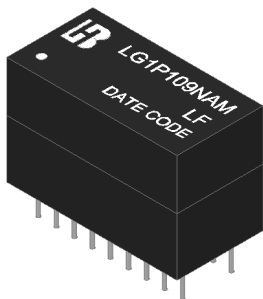


SINGLE 1000 BASE-T LAN
MAGNETIC
P/N: LG1P109NAM LF DATA SHEET



Feature

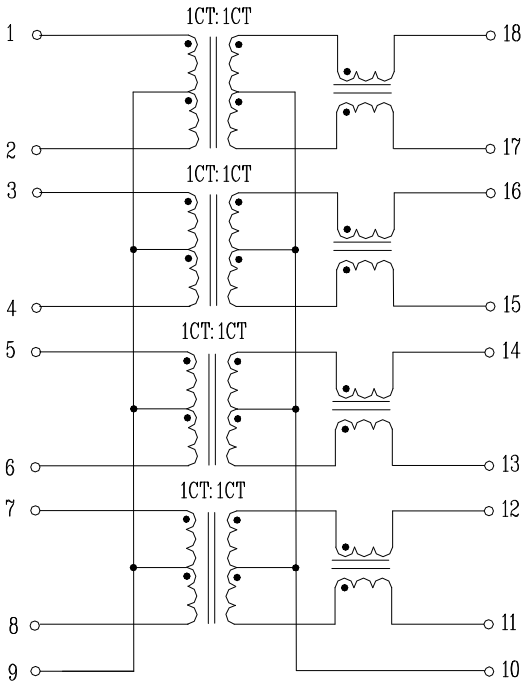


- Magnetic designs to support every PHY.
- Complying with IEEE 802.3ab standards.
- Pass surge 7KV (No breakdown during the test)
- Complying with ROHS requirements.
- Operating temperature range: -40℃ to +85℃.
- Storage temperature range: -40℃ to +105℃.

Electrical Specifications @ 25℃							
Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V	Cross talk (dB Min)			HI-POT
	TX	RX		0.3-30MHz	30-60MHz	60-100MHz	
LG1P109NAM LF	1CT:1CT	1CT:1CT	350	-40	-35	-30	AC1500V

Continue									
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)					DCMR (dB Min)		
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	1-30MHz	30-60MHz	60-125MHz
LG1P109NAM LF	-1.1	-18	-16	-14.08	-12.5	-10	-30	-25	-20

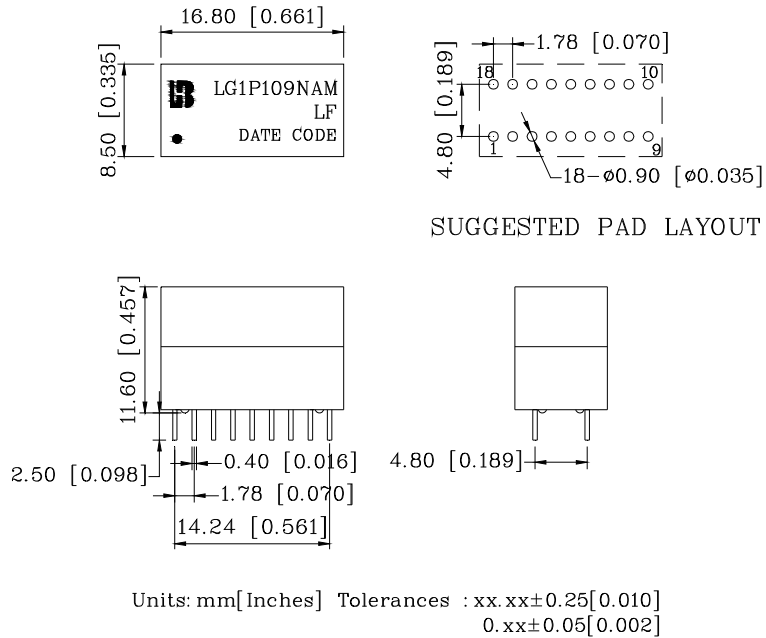
Schematic



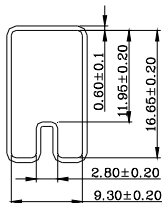
**SINGLE 1000 BASE-T LAN
MAGNETIC
P/N: LG1P109NAM LF DATA SHEET**



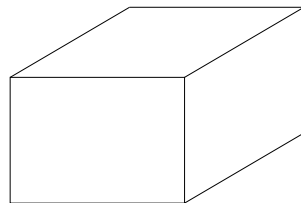
Mechanical



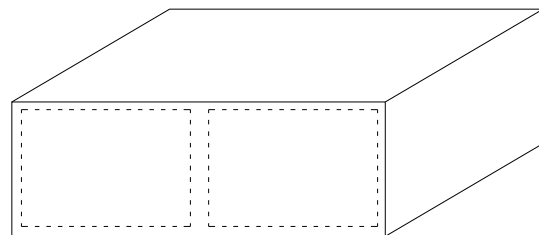
TUBE PACKAGE



TUBE



INNER BOX: 567x135x125



OUTER CARTON: 598x287x150

1. 1 TUBE=31PCS
2. 1 INNER BOX=70TUBE=70x31=2170PCS
3. 1 OUTER CARTON=2 INNER BOX=2x2170=4340PCS