

1X4 RJ45 CONNECTOR MODULE WITH INTEGRATED 1000 BASE T MAGNETICS

P/N:LA4T109 “LAN-MATE” SERIES

Feature



- Isolation @ 60Hz : Input to output:1500Vrms.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -40°C to +125°C.

Electrical Specifications @ 25°C				
Part Number	Turns Ratio (±5%)		Primary inductance (uH Min) @ 100KHz/0.1Vrms with 8mA DC Bias	Voltage isolation (Vrms)
	TX	RX		
LA4T109	1CT:1CT	1CT:1CT	350	1500

Continue									
Part Number	Insertion Loss (dB Max.)	Return Loss (dB Max) @ Load 100Ω				Cross talk (dB Min.)			CMRR (dB Min)
		1-100MHz	1-30MHz	30-40MHz	40-50MHz	50-80MHz	1-30MHz	30-60MHz	
LA4T109	-1.0	-16	-13.5	-11.5	-10	-40	-38	-33	-30

Schematic



