



Feature



- Compliant with IEEE 802.3ab standard for 1000 BASE-T.
- Designed for long haul gigabit Ethernet 1000 BASE-T, full duplex applications.
- Supports 16 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Comply with RoHS requirements-whole part No Cd, No Hg,
- No Cr6+, No PBB and PBDE and No Pb on external pins.
- Operating temperature range : 0°C to +85°C
- Storage temperature -25°C to +125°C.

Electrical Specifications @25°C

Part Number	Tums Ratio (±5%)		OCL(uH Min.) @100KHz/0.1V with 8mA DC Bias	L.L (uH Max.)	Cw/w (pF Typ)	DCR (Ω Max.)	HI-POT (Vrms)
	Tx	Rx					
ML88T01RS	1CT:1CT	1CT:1CT	350	0.35	50	1.2	1500

Continue

Part Number	Insertion Loss (dB Max.)	Return Loss (dB Min.)					Cross talk (dB Min.)			DCMR (dB Min.)		
		1-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz
ML88T01RS	-1.0	-18	-16	-13.1	-12	-10	-40	-35	-30	-43	-37	-33

Schematic



