

HIGH SPEED LAN MAGNETICS

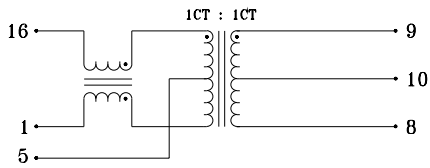
- For use in 100Base-TX, 10/100Base-TX, ATM 155 or 100 Mbps TP-FDDI applications
- Compatible with multiple PHY transceivers
- 350 μ H min OCL (inductance) with 8mA DC bias
- Low profile, surface mount packaging available
- Low cost, transmit or receive channel solution
- 2000 Vrms isolation

ELECTRICALS AT 25°C

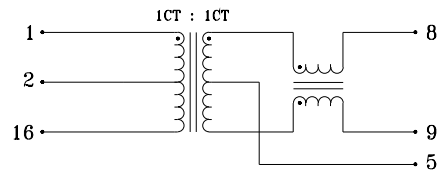
Part No.	Insertion Loss (dB) Typ		Return Loss (dB) Min		Schematic
	1MHz-100MHz	1MHz-30MHz	30MHz-60MHz	60MHz-80MHz	
S558-0139-00	-1.0	-16	16-20log((f/30MHz)	-10	A
S558-3855-00	-1.0	-16	16-20log((f/30MHz)	-10	B
S558-5999-02	-1.0	-16	16-20log((f/30MHz)	-10	A
S558-5999-19	-1.0	-16	16-20log((f/30MHz)	-10	B

SCHEMATICS

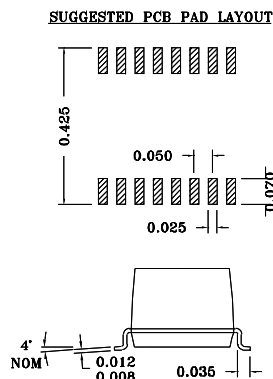
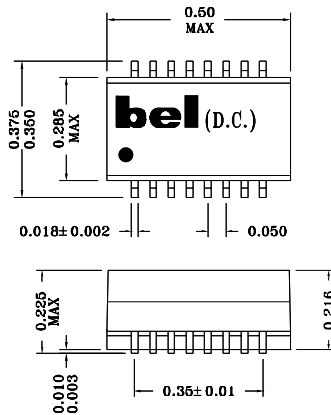
A



B



MECHANICAL



Specifications subject to change without notice.

