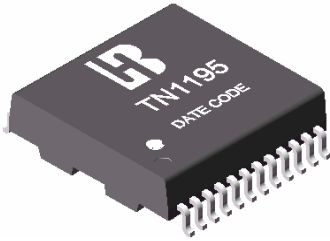


# 10/100 BASE-T TRANSFORMER

## P/N: TN1195 DATA SHEET

### Feature



- Designed for 10/100 MB/s transmission over UTP-5 cable.
- Cable interface for isolation and low common mode Emissions.
- 24-PIN SMD package, pick and place compatible.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C										
Part Number	Turns Ratio (±5%)		OCL TX/RX(uH Min) @100KHz/0.1Vrms with 8mA/ DC Bias				L.L (uH Max)	C <sub>www</sub> (pF Max)	Rise Time 10-90% (nS TYP)	Voltage Isolation (Vrms)
	TX	RX								
TN1195	1CT:1CT:1CT	1CT:1CT:1CT	350				0.6	28	2.5	1500
Continue										
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)					Cross talk Attenuation (dB Min)		DCMR TX/RX(dB Min)	
	0.3-100MHz	30MHz	40MHz	50MHz	60MHz	80MHz	0.3-60MHz	60-80MHz	0.3-60MHz	60-100MHz
TN1195	-1.0	-16	-14	-13.5	-13	-12	-40	-30	-35/30	-35/30

### Schematic

### Mechanical

