

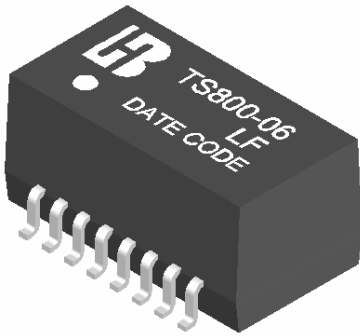


TS800-06 LF

### 10 BASE-T SMD ETHERNET TRANSFORMER

### P/N:TS800-06 LF DATA SHEET

#### Feature



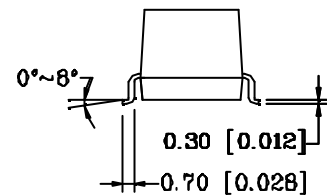
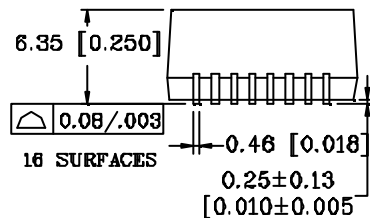
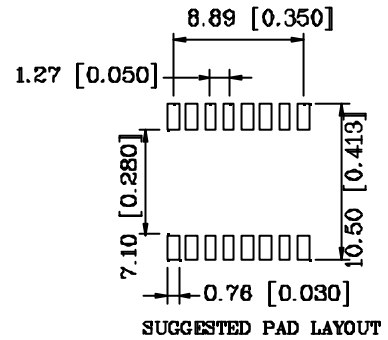
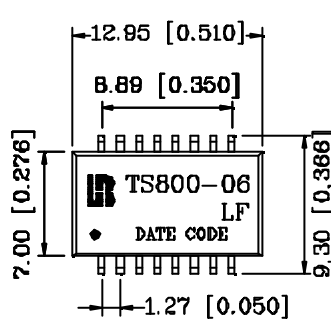
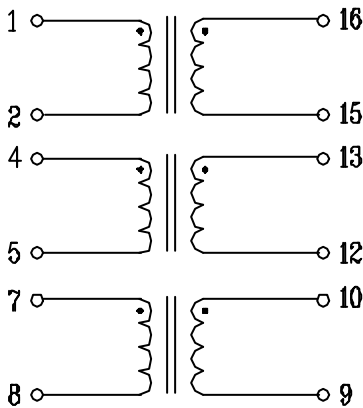
- IEEE 802.3 (10 BASE5/10BASE 2) and ECMA compatible.
- 16 PIN SMD package.
- Turn Ratio: 1:1±5%.
- Dissipation rating: 75mW.
- HI-POT: 2000Vrms.
- Insulation resistance 10,000M Min. @50 V<sub>DC</sub>.
- Peak pulse rating 50Volts.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020C.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25 to +125 .

#### Electrical Specifications @ 25°C

Part Number	OCL (uH Min) @100KHz/50mVrms	L.L (uH Max)	C <sub>www</sub> (PF Max)	ET CONSTANT (V-uS Min)	DCR (O Max)
TS800-06 LF	100±20%	0.1	10	1.5	0.2

#### Schematic

#### Mechanical



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]  
0.xx±0.05[0.002]