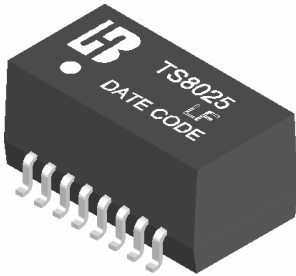




10BASE-T SMD ETHERNET TRANSFORMER

P/N: TS8025 LF DATA SHEET

Feature



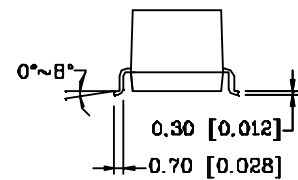
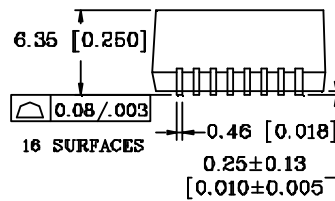
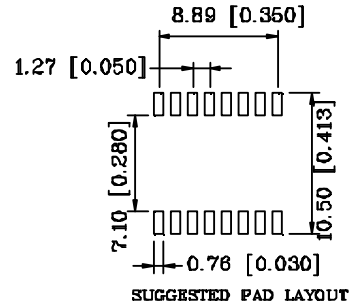
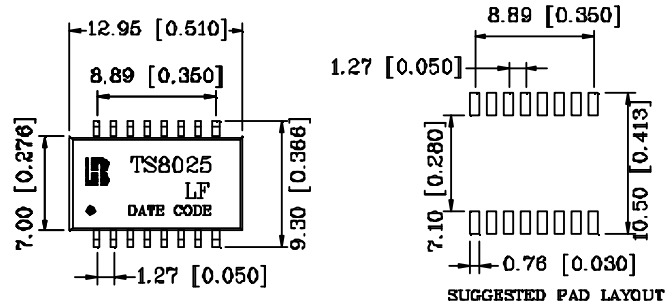
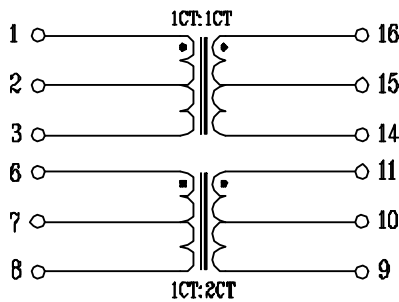
- 16 PIN SOIC isolation modules.
- Meet the requirements of IEEE802.3.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020C.
- Operating temperature range: -0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±3%)		OCL (uH ±20%)	C _{www} (pF Max)	L.L (uH Max)	DCR (O Max)	Insulation Resistance (MO Min)	HI-POT (Vrms)
	(1-3):(16-14)	(6-8):(11-9)						
TS8025 LF	1CT:1CT	1CT:2CT	100	9	0.3	0.3	100	1500

Schematic

Mechanical



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