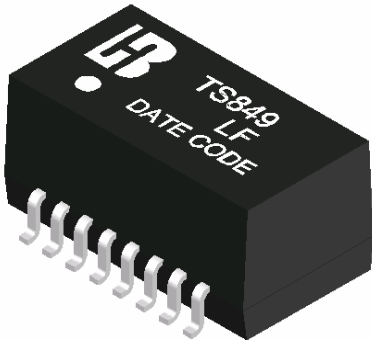




INSULATION TRANSFORMER FOR 10BASE-T

P/N: TS849 LF DATA SHEET

Feature



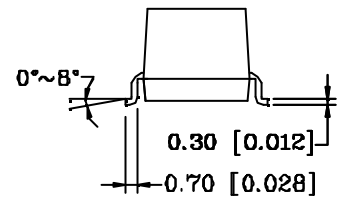
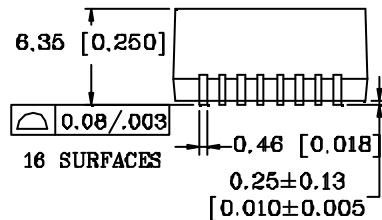
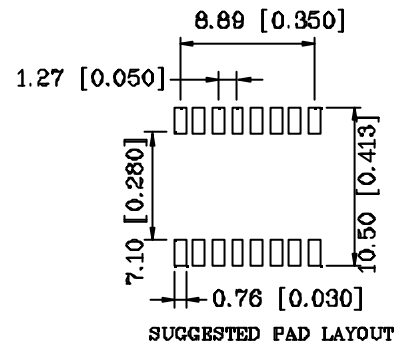
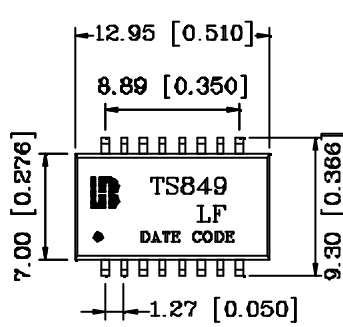
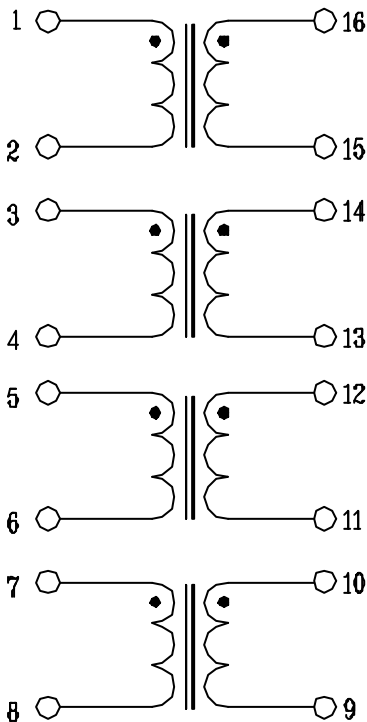
- For adapter cards, MAUS, Hubs, and motherboard applications.
- Designed to Meet or exceed IEEE 802.3, 10BASE-T specifications.
- Available with common mode chokes for EMI suppression.
- 16 PIN, SMD package.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020C.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)	OCL (uH Min)	C _{ww} (pF Max)	L.L (uH Max)	DCR (Max)	PRI Pins	HI-POT (Vrms)
TS849 LF	1:1.414	140	12	0.2	0.4	1-2,3-4,5-6,7-8	1500

Schematic

Mechanical



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