

ISOLATION TRANSFORMER FOR 10 BASE -T
P/N:S5745 DATA SHEET

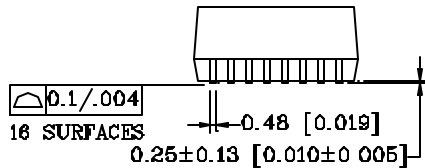
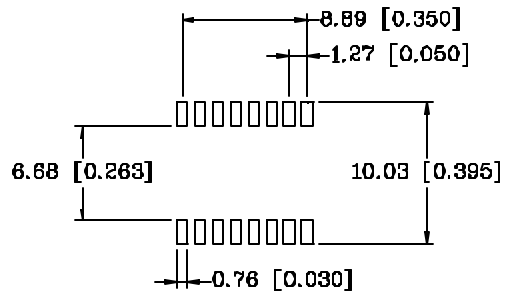
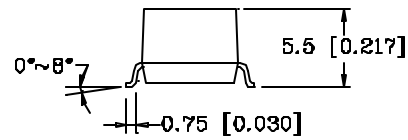
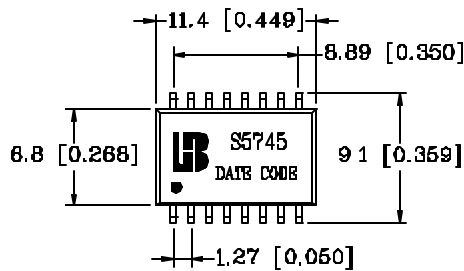
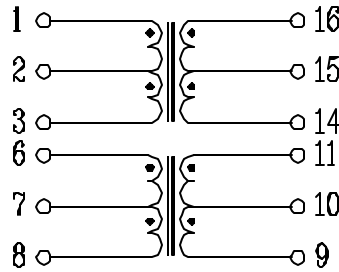
A. General Specifications:

1. Available with common mode chokes for EMI suppression
2. Surface mount, IC grade, transfer-molded package withstands 235C peak temperature profile
3. Through hole auto-insertable, 16-pin DIP package
4. Operating temperature: 0C to 70C

B. Electrical Specifications @ 25°C:

1. Turns Ratio(±5%) : TX=1CT:1.414CT & RX=1CT:1CT
2. Sine Wave Inductance OCL : 140 uH Min @ 100KHz/20m V
3. Leakage Inductance L.L : 0.20 μH Max @ 100KHz/20mV
4. Interwinding Capacitance CW/W : 12 pF Max @ 100KHz/20mV
5. DCR : 0.30 Max
6. Primary Pins: 6-8,1-3
5. HI-POT: 2000Vrms

C. Schematics & Mechanical:



Dimensions: mm[Inches] Tolerances: ±0.25[0.01] PCB Suggest pad layout