

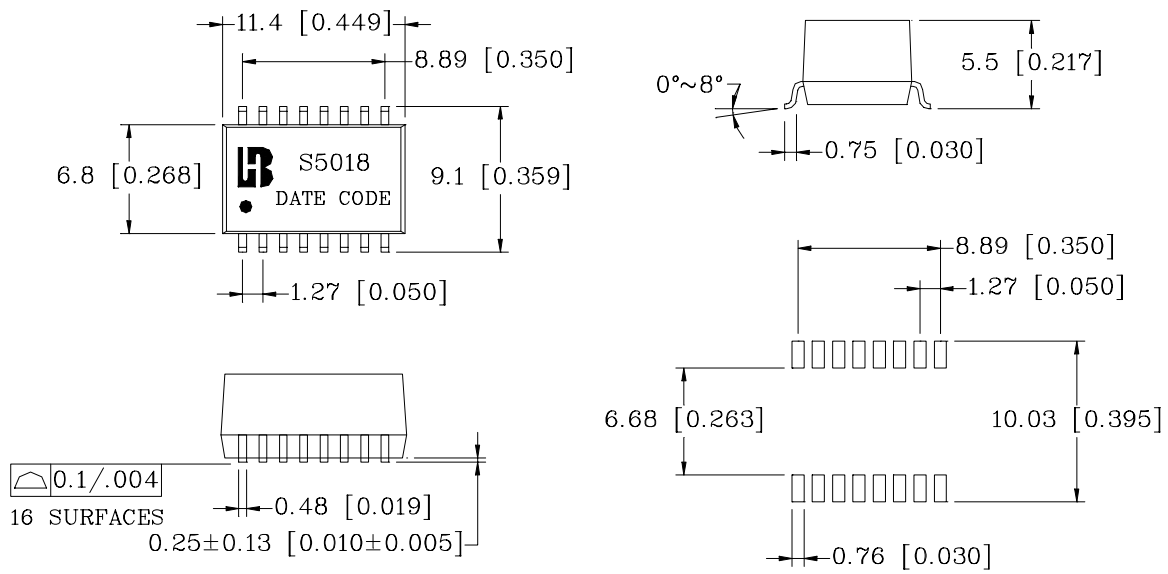
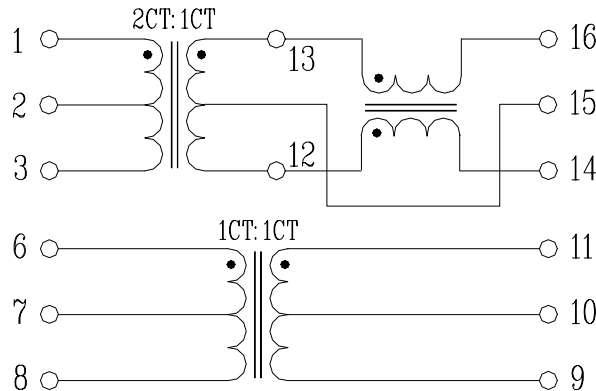
10 BASE-T ISOLATION TRANSFORMER

P/N:S5018 DATA SHEET

A. Electrical Specifications@ 25°C :

1. Turns Ratio: Pin(1-2-3): (16-15-14)=2CT:1CT
(6-7-8): (11-10-9)=1CT:1CT
2. Primary OCL : 140 μ H Min @100KHz, 50mV
3. Leakage Inductance: 0.50 μ H Max Pin1-3(Pin 14-16 short) @100KHz, 50mV
0.50 μ H Max Pin6-8(Pin 9-11 short) @100KHz, 50mV
4. CW/W : 12 pF Max @100KHz, 50mV
5. Primary DC Resistance: 1.0 Ω Max.
6. HI-POT: 1500Vrms.

B. Schematic & Mechanical:



Units: mm[Inches] Tolerances: ± 0.25 [0.01] PCB Suggested PAD Layout