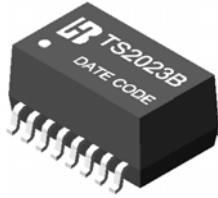


10 BASE-T ISOLATION TRANSFORMER

P/N:TS2023B DATA SHEET

Feature

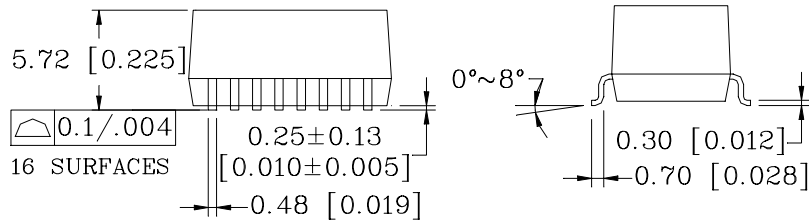
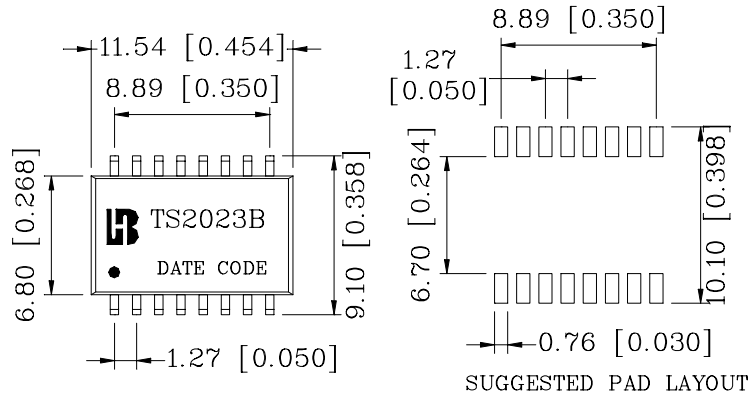
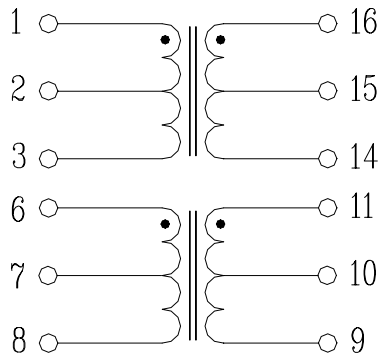


- 16 PIN SMD isolation modules to meet the isolation and impedance matching requirement of IEEE 802.3 for 10 BASE-T.
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

| Electrical Specifications @ 25°C | | | | | | | | | |
|----------------------------------|-------------------|-----------|------------------|----------------------------------|------------------|-----------------|----------|-----------------------------|---------------|
| Part Number | Turns Ratio (±3%) | | Pri OCL (uH Min) | Pri/Sec C _{WW} (pF Max) | Pri L.L (uH Max) | Pri DCR (Ω Max) | Pri PINS | Insulation Resistance (M Ω) | HI-POT (Vrms) |
| | 1-3:16-14 | 6-8:11-9 | | | | | | | |
| TS2023B | 1CT:1CT | 1CT:2.5CT | 200/35 | 15 | 0.4 | 0.5 | 1-3, 6-8 | 10,000 | 2000 |

Schematic

Mechanical



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