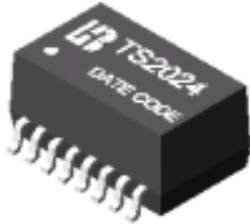




P/N: TS2024 DATA SHEET

Feature

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- Designed to Meet or exceed IEEE 802.3, 10 BASE-T Specifications.
- Surface mount, IC grade, transfer-molded package withstands 235 peak temperature profile.
- Available with common mode chokes for EMI suppression.
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25 to +125 .

Electrical Specifications @ 25°C

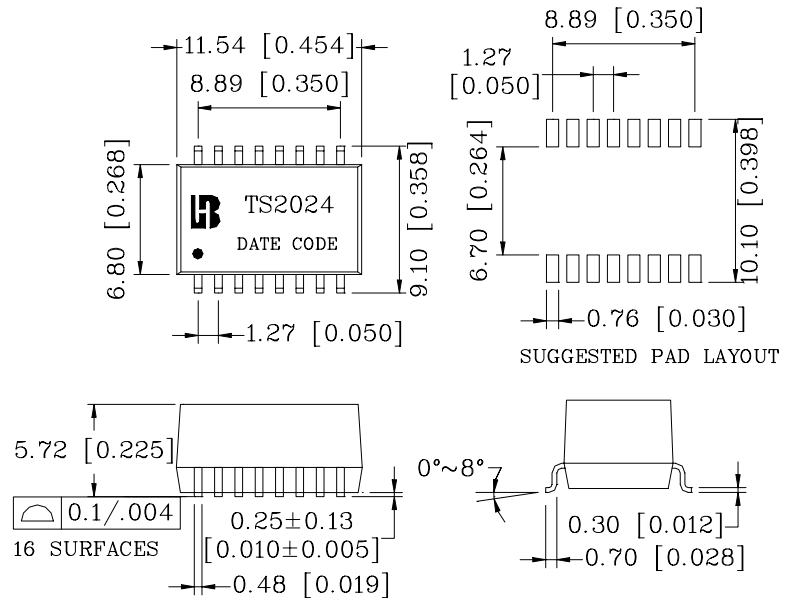
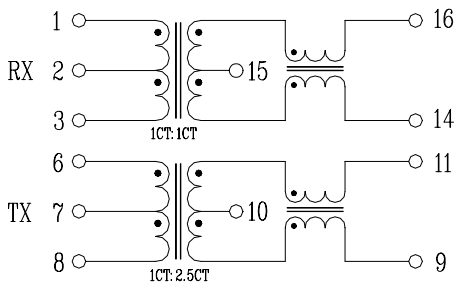
| Part Number | Turns Ratio (±5%) | | OCL (uH Min) @100KHz/20mVrms | C _{www} (pF Max) @100KHz/20mVrms |
|-------------|-------------------|----------|---------------------------------|--|
| | TX | RX | | |
| TS2024 | 1CT: 2.5CT | 1CT: 1CT | 350 | 30 |

Continue

| Part Number | L.L (uH Max) @100KHz/20mVrms | PRI DCR (Max) | PRI Pins | HI-POT (Vrms) |
|-------------|---------------------------------|-------------------|--------------|------------------|
| TS2024 | 0.8 | 0.6 | (6-8)& (1-3) | 1500 |

Schematic

Mechanical



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