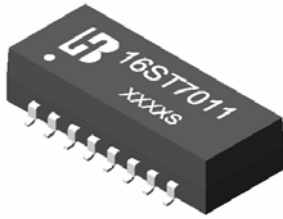


10 BASE-T SMD ETHERNET TRANSFORMER

P/N: 16ST7011 DATA SHEET

Feature

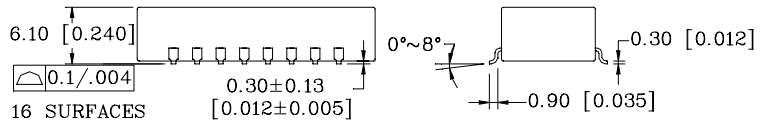
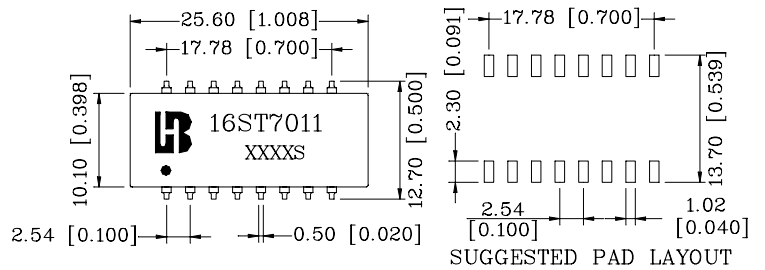
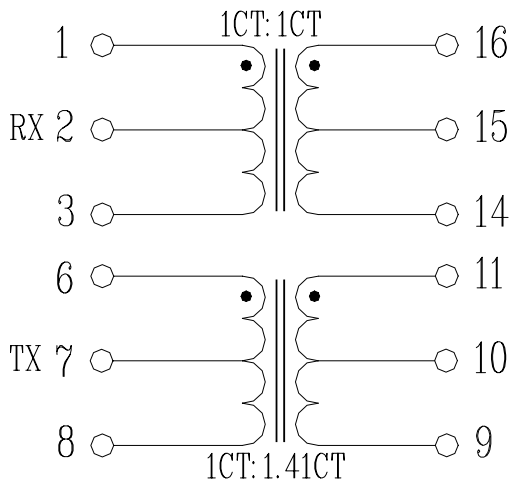


- 16PIN SMD package to compliant with IEEE802.3 standard.
- Model is available to interface with 10BASE-T transceivers.
- Compatible with IR oven processes.
- Operating temperature range:0°C to +70°C.
- Storage temperature range:-25°C to +125°C.

| Electrical Specifications @ 25°C | | | | | | | |
|----------------------------------|-------------------|------------|---------------|---------------|--------------|-------------|--------------------------|
| Part Number | Turns Ratio (±5%) | | OCL (uH Min) | CW/W (pF Max) | L.L (uH Max) | DCR (Ω Max) | Isolation Voltage (Vrms) |
| | RX | TX | Pin(1-3&9-11) | | | | |
| 16ST7011 | 1CT:1CT | 1CT:1.41CT | 140 | 20 | 0.6 | 0.9 | 1500 |

Schematic

Mechanical



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