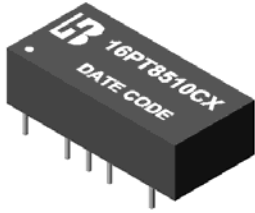


10/100 BASE-T TRANSFORMER

P/N:16PT8510CX DATA SHEET

Feature

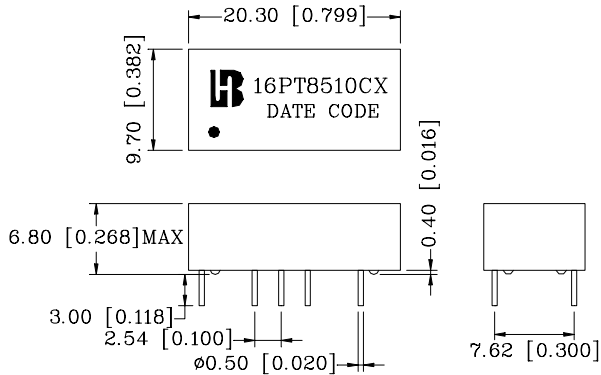
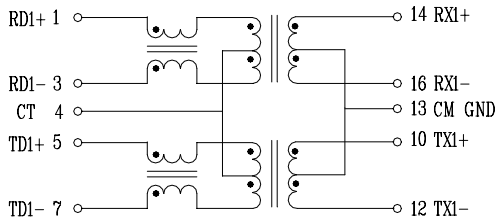


- Operating Temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +105°C.

| Electrical Specifications @ 25°C | | | | | | | | |
|----------------------------------|----------------------------|-------------------------|--|-----------------------------|-----------------|---------------------------------|------------------------|------------------------|
| Part Number | Turns Ratio (±5%) | | OCL (uH Min) @ 100KHz/0.1Vrms with 8mA/DC Bias | C _{ww} (pF Max) | L.L (uH Max) | Rise Time (10-90%) nS TYP | HI-POT (Vrms) | |
| | TX | RX | | | | | | |
| 16PT8510CX | 1CT:1CT | 1CT:1CT | 350 | 56 | 0.4 | 2.5 | 1500 | |
| Continue | | | | | | | | |
| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min) | | | | | Cross talk (dB Min) | DCMR (dB Min) TX/RX |
| | | 0.3-100 MHz | 30MHz | 40MHz | 50MHz | 60MHz | | |
| 16PT8510CX | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 |

Schematic

Mechanical



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