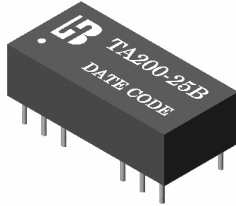


# 10 BASE-T ISOLATION TRANSFORMER

## P/N:TA200-25B DATA SHEET

### Feature

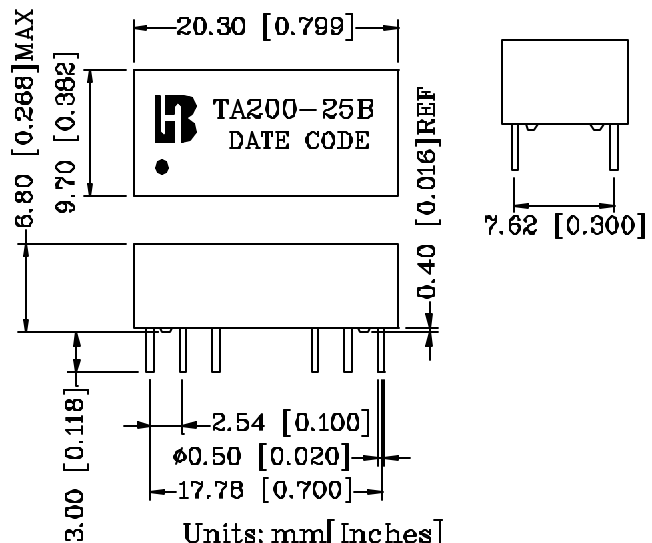
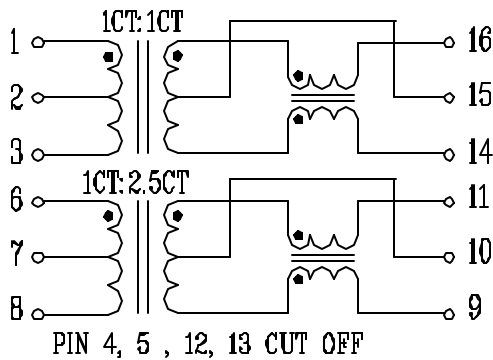


- Low profile package 16 PIN DIP package to meet IEEE 802.3&10-BASE T specification.
- Low leakage inductance and winding capacitances for fast rise time.
- High isolation voltages to comply with international safety requirements for LANS.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

| Electrical Specifications @ 25°C |                   |           |                            |                              |              |
|----------------------------------|-------------------|-----------|----------------------------|------------------------------|--------------|
| Part Number                      | Turns Ratio (±3%) |           | OCL (uH Min)               | Leakage Inductance (i H Max) | CW/W (pFMax) |
|                                  |                   | 1-3:16-14 | 6-8:11-9                   | 1-3/6-8                      | 1-3/6-8      |
| TA200-25B                        | 1CT:1CT           | 1CT:2.5CT | 200/35                     | 0.4                          | 15           |
| Continue                         |                   |           |                            |                              |              |
| Part Number                      | DCR (Ω Max)       |           | Insulation resistance (MΩ) | HI-POT (Vrms)                |              |
|                                  | 1-3/6-8           |           |                            |                              |              |
| TA200-25B                        | 0.5               |           | 10,000                     | 2000                         |              |

Schematic

Mechanical



Units: mm [Inches]

Tolerances: xx.x0±0.25[0.010]

0.xx±0.05[0.002]