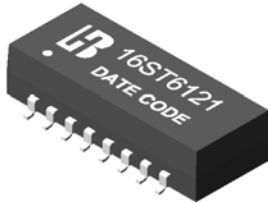


P/N: 16ST6121 DATA SHEET

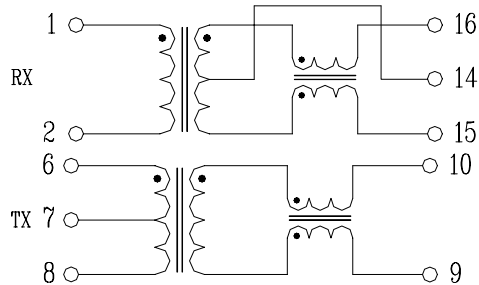
Feature



- 16-PIN SMD package to meet 10/100 MB/S 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 (±5%) | | OCL(uH Min) @100KHz/0.1Vrms with 8mA/DC Bias | L.L (uH Max) TX/RX | | | C _{WW} (pF Max) | PRI Pins | Rise Time 10%-90% (nS TYP) | HI-POT (Vrms) | |
| | TX | RX | | | | | | | | | |
| 16ST6121 | 2CT:1 | 1:1CT | 350 | 1.3/0.6 | | | 30 | (1-2)&(6-8) | 3.5 | 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 | 80MHz | 0.3-60MHz | 60-100MHz | 30MHz | 60MHz |
| 16ST6121 | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -45 | -35 | -40 | -30 | -25 |

Schematic



Mechanical

