



P/N: NS0013 LF DATA SHEET

Feature



- Half port and single port designs for maximum layout flexibility.
- Low profile packages from 0.094 Inch(2.39mm) to 0.078 Inch(1.98mm) for PC card and card bus applications .
- Compatible package with INTEL,TDK,QSI, and ICS Transformer.
- Lead free for external pins.
- 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) @100KHz/0.1V Pin(16-15/7-8) | Cw/w (pF Max) | L.L (uH Max) | DCR (Ω Max) | HI-POT (Vrms) |
|-------------|-------------------|---------|------------------------------------------|---------------|--------------|----------------|---------------|
| | TX | RX | | | | Pin(16-15/7-8) | |
| NS0013 LF | 1CT:1CT | 1CT:1CT | 350 | 15 | 0.4 | 0.9 | 1500 |

Continue

| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min) | | | | Cross talk (dB Min) | DCMR (dB Min) | |
|-------------|-------------------------|----------------------|-------|-------|----------|---------------------|---------------|-----------|
| | | 0.3-30MHz | 40MHz | 50MHz | 60-80MHz | | 0.3-60MHz | 60-100MHz |
| NS0013 LF | -1.1 | -18 | -15.5 | -13.5 | -10 | -38 | -33 | -26 |

Schematic

Mechanical

