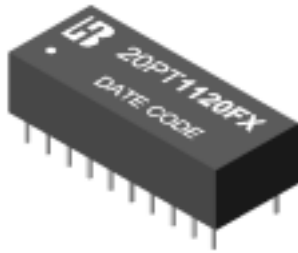


**P/N: 20PT1120FX DATA SHEET****Feature**

- Compliant with IEEE 802.3u and ANSI X3.263 standards Including 350uH OCL with 8mA Bias.
- Symmetrical TX and RX channels for Auto MDI/MDIX capability.
- 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%)TX/RX | PRI OCL(uH Min) @100KHz/0.1V with 8mA DC/Bias | L.L (uH Max) | C _{w/w} (pF Max) | Rise time (nS Typ) 10-90% | HI-POT (Vrms) |
|-------------|------------------------|---|--------------|---------------------------|---------------------------|---------------|
| 20PT1120FX | 1CT:1CT | 350 | 0.5 | 50 | 2.5 | 1500 |

Continue

| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min) | | | Cross talk (dB Min) | DCMR (dB Min) |
|-------------|-------------------------|----------------------|----------|----------|---------------------|---------------|
| | 0.3-100MHz | 0.3-30MHz | 30-60MHz | 60-80MHz | 0.3-100MHz | 0.3-100MHz |
| 20PT1120FX | -1.15 | -18 | -14 | -12 | -35 | -30 |

Schematic**Mechanical**