**Features**

- Compliant with IEEE 802.3 and ANSI X3.263
- Designed to support 4 single or double stacked RJ45 connectors
- 40 pin SMD
- RoHS compliant*

**Applications**

- LAN (Local Area Network)
- Ethernet

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**Electrical Specifications @ 25 °C**

- **Turns Ratio**
  - TX: 1:1
  - RX: 1:1
- **OCL @ 8mADC µH min.**: 350
- **Rise & Fall Time (ns max.)**: 3.0
- **Insertion Loss (dB max.)**
  - 0.1 to 100 MHz: -1.1
  - Cross Talk (dB min.): -30
- **Hipot 60 sec. (Vrms)**: 1500
- **Leakage Inductance (µH max.)**: 0.5
- **Interwinding Capacity (pF max.)**: 25
- **Return Loss (dB min.)**
  - 0.1 to 30 MHz: -18
  - 30 to 60 MHz: -14
  - 60 to 80 MHz: -11
- **Typ. Diff to Com Mode Rejection (dB min.)**
  - 0.1 to 100 MHz: -40
- **Operating Temperature**: 0 °C to +70 °C

Other OCL specifications available on request.

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**Packaging Specifications**

- **Tube**: 18 pcs./tube
- **Tape & Reel**: 400 pcs./reel

**How To Order**

- **Model**: PT61007
- **Packaging**: L
- **Termination**: L = Tin only (RoHS Compliant)

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Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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*This series is OBSOLETE and not recommended for new designs.*

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*Note: Dimensions and recommended layout details are provided in the diagram.*