Features
■ IEEE 802.3 Ethernet compatible
■ Dual channel 16-pin SMD
■ RoHS compliant*

Applications
■ Ethernet

PT61011L LAN 10/100 Base-Tx

Electrical Specifications @ 25 °C
Inductance - Open Circuit ... 350 µH min.
(100 KHz, 0.2 V with 8 mA DC bias)
Turns Ratio (±2 %)
...............TX 1 CT : 1 CT; RX 1 CT : 1 CT
Leakage Inductance ........... 0.5 µH max.
DCR............................. 0.9 ohms max.
Insertion Loss
0.1 - 100 MHz............... -1.0 dB max.
Return Loss (@ 100 ohms)
0.1 - 30 MHz............... -18 dB min.
30 - 60 MHz............... -14 dB min.
60 - 80 MHz............... -11 dB min.
Cross Talk
0.1 - 100 MHz............... -35 dB min.
Common Mode Rejection Ratio
1 - 100 MHz............... -40 dB typ.
Cww........................... 25 pF typ.
Isolation....................... 1500 VAC
Operating Temperature
.................................. -40 °C to +85 °C

*CT: Center tap

Packaging Specifications
Tape & Reel............... 700 pcs. / reel

How To Order
PT61011E L

Model
Termination
L = Tin only (RoHS Compliant)

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.

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