Features

- IEEE 802.3 Ethernet compatible
- Dual channel 16-pin SMD
- Wide operating temperature range: -40 to +85 °C
- RoHS compliant*

Applications

- Ethernet

Electrical Specifications @ 25 °C

Inductance - OCL ........................................350 μH min. @ 100 KHz, 0.1 Vrms, 8 mA DC Bias
Turns Ratio (± 5%) .................................1:1 CT* : 1:1 CT*
DCR ................................................. 1.2 Ω max.
Insertion Loss
1-100 MHz ...................................... -1.15 dB max.
Return Loss
1-30 MHz ........................................... -18 dB min.
30-60 MHz ........................................... -13 dB min.
60-80 MHz ........................................... -12 dB min.
Common Mode Rejection
1-60 MHz ........................................... -37 dB Min.
60-100 MHz ........................................... -28 dB Min.
Crosstalk
1-60 MHz ........................................... -40 dB Min.
60-100 MHz ........................................... -35 dB Min.
Hipot @1 mA, 2 sec. .............................. 1.5K Vrms
Operating Temperature ..................-40 to +85 °C
Storage Temperature ......................-40 to +85 °C

*CT: Center tap

Material

Termination ........................................Tin

Packaging Specifications

Tape & Reel ........................................ 600 pcs./reel

How To Order

PT61018 P E L

Model

Construction

P = Potted

Packaging

E = Tape and Reel (600 pcs./reel)

Termination

L = Tin only (RoHS Compliant)

Electrical Schematic

WARNING  Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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