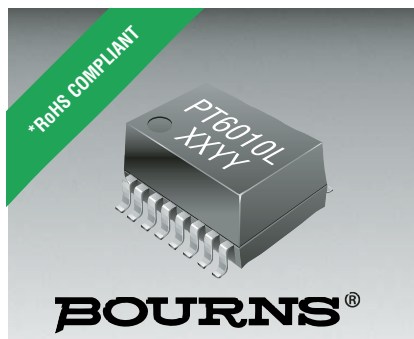




Features

- IEEE 802.3 Ethernet compatible
- Designed for AMD IC manufacturers
- Fully integrated for adapter, hub and motherboard applications
- RoHS compliant*

Applications

- LAN (Local Area Network)
- Ethernet

PT61010L LAN 10Base-T

Electrical Specifications @ 25 °C

Turns Ratio

TX $\pm 5\%$ 1CT*:2CT*
 RX $\pm 5\%$ 1CT*:1CT*
 OCL ($\mu\text{H min}$) 112

Interwinding Capacitance

Cww (pF max.) 8
 Leakage Inductance Ls ($\mu\text{H max.}$) 0.3
 Hipot 60 sec. (Vrms) 1500
 DCR (Ω max.) 0.8
 Operating Temperature... 0 °C to +70 °C

*CT: Center tap

Other OCL specifications available on request.

Packaging Specifications

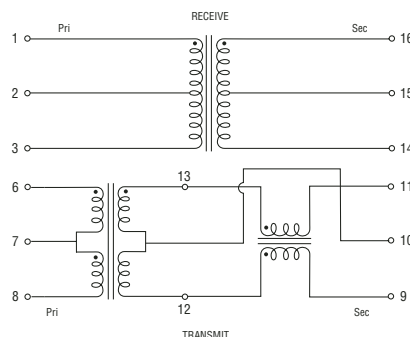
Tube 50 pcs./tube
 Tape & Reel* 750 pcs./reel

**E" suffix before "L" in part number designates tape & reel packaging, e.g. PT61010EL.

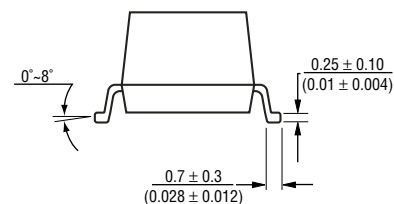
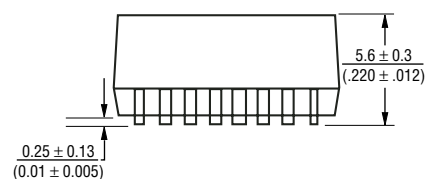
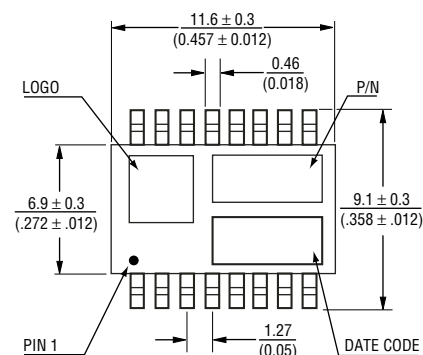
How To Order

Model PT61010 L
 Packaging _____
 Blank = Packaged in tubes
 E = Tape and reel
 Termination _____
 L = Tin only (lead free)

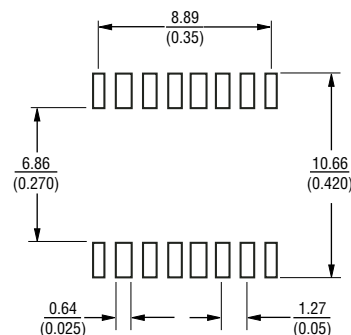
Electrical Schematic



Product Dimensions



Recommended Layout



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

REV. 09/08

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications