

Features

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



This series is Sd MVR_U not recommended for new designs.

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

PT61010 L

Model _____

Packaging _____

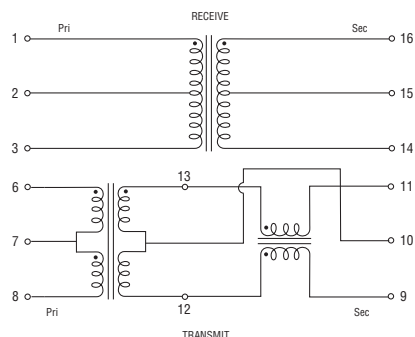
Blank = Packaged in tubes

E = Tape and reel

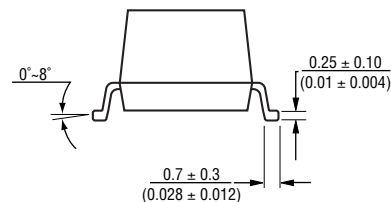
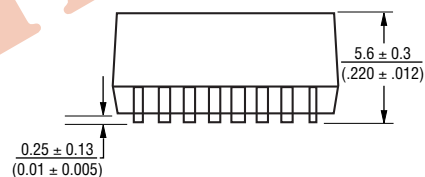
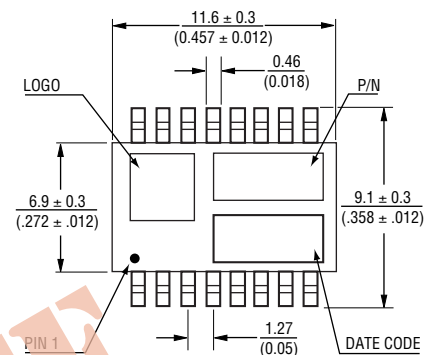
Termination _____

L = Tin only (RoHS Compliant)

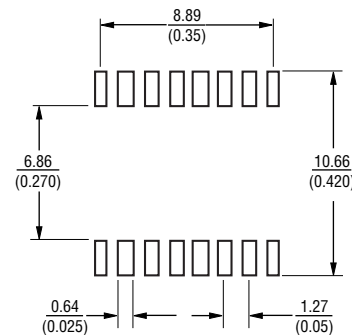
Electrical Schematic



Product Dimensions



Recommended Layout



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

REV. 05/13

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

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.