

Features

- IEEE 802.3 Ethernet compatible
- Designed for various IC manufacturers
- Fully integrated for adapter, hub and motherboard applications
- Available in enhanced or standard design versions
- RoHS compliant*

Applications

- LAN (Local Area Network)
- Ethernet

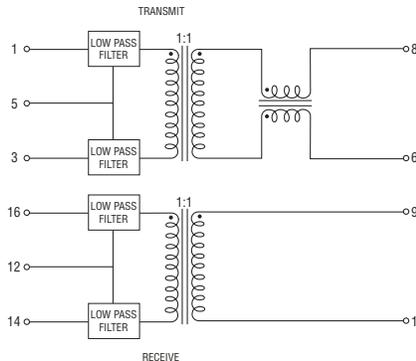
PT61005L LAN 10Base-T Filter Interface

Electrical Specifications @ 25 °C

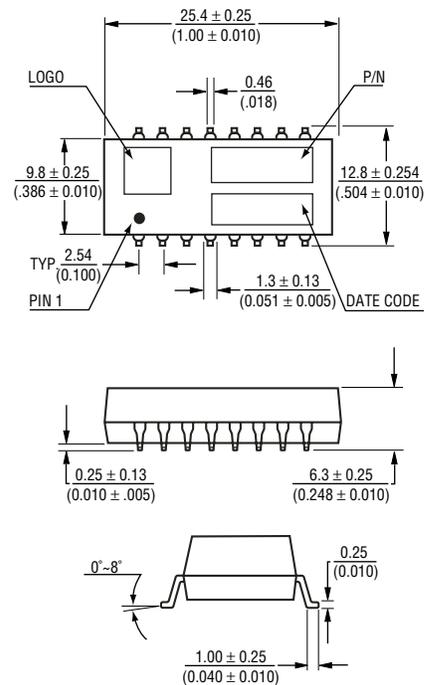
Turns Ratio	
TX ± 5 %	1:1
RX ± 5 %	1:1
Insertion Loss (dB max.)	
1 to 10 MHz	-1.0
Cross Talk (dB min.)	
5 to 10 MHz	-30
Hipot (Vrms min.)	
	1500
Attenuation (dB min.)	
25 MHz	-11
30 MHz	-16
40 MHz	-26
Return Loss (dB min.)	
5-10 MHz, 100 Ω	-15
5-10 MHz, 98 ± 13 Ω	-13
Com Mode Rejection XMIT (dB min.)	
5 MHz	-30
10 MHz	-30
50 MHz	-25
Operating Temperature... 0 °C to +70 °C	

Other OCL specifications available on request.

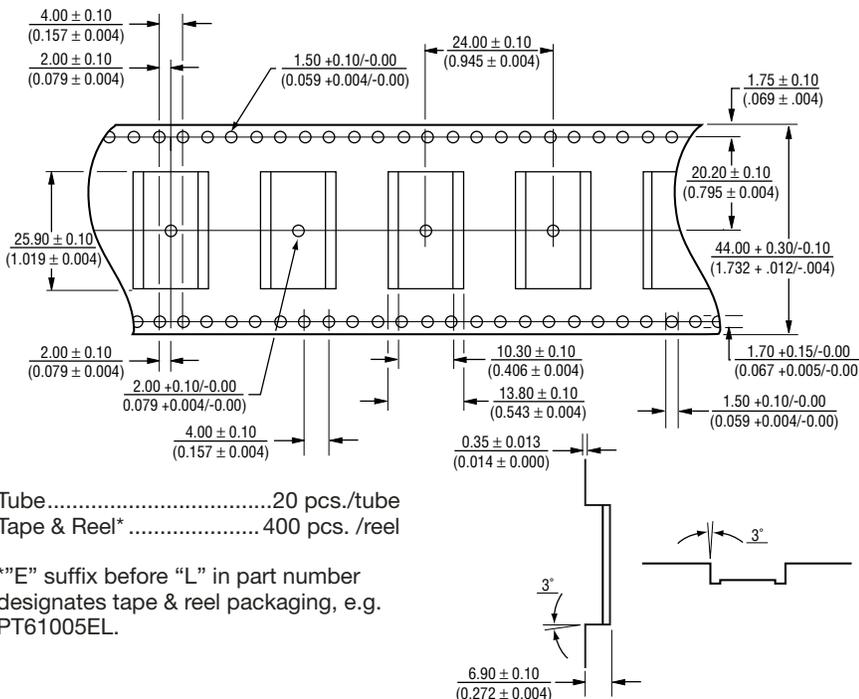
Electrical Schematic



Product Dimensions



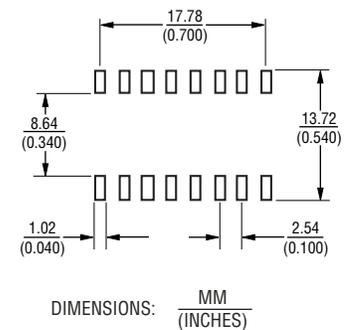
Packaging Specifications



Tube.....20 pcs./tube
Tape & Reel* 400 pcs. /reel

**E" suffix before "L" in part number designates tape & reel packaging, e.g. PT61005EL.

Recommended Layout



How To Order

Model **PT61005** **L**
 Packaging _____
 Blank = Packaged in tubes
 E = Tape and reel
 Termination _____
 L = Tin only (lead free)

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