

Features

- Compatible with multiple transceiver brands, see below**
- Cable interface for isolation and low common mode emissions
- 155ATM, 100Base-TX and TP-FDDI applications
- Meets all IEEE802.3 and ANSI X3.263 standards

- RoHS compliant*

Applications

- LAN (Local Area Network)
- Ethernet

PT61003L LAN 10Base-T/100Base-TX High Speed

Electrical Specifications @ 25 °C

Turns Ratio	
TX.....	1:1
RX.....	1:1
OCL @ 8mADC μ H min.....	350
Rise & Fall Time (ns max.).....	2.5
Insertion Loss (dB max.)	
1 to 125 MHz.....	-1.0
Cross Talk (dB min.)	
1 to 60 MHz.....	-40
60 to 100 MHz.....	-30
Hipot 60 sec. (Vrms).....	1500
Return Loss TX (dB min.)	
1 to 60 MHz.....	-18
60 to 100 MHz.....	-12
Return Loss RX (dB min.)	
1 to 60 MHz.....	-18
60 to 100 MHz.....	-12
Diff to Com Mode Rejection	
TX (dB min.)	
1 to 60 MHz.....	-40
60 to 100 MHz.....	-35
RX (dB min.)	
1 to 60 MHz.....	-40
60 to 100 MHz.....	-35
Operating Temperature... 0 °C to +70 °C	

Other OCL specifications available on request.

Packaging Specifications

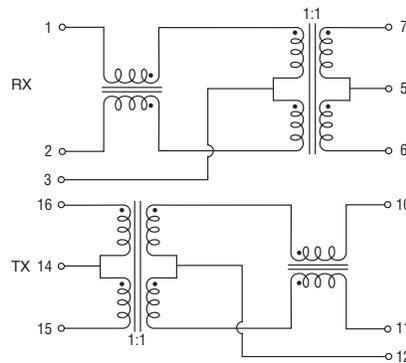
Tube.....	20 pcs./tube
Tape & Reel*.....	400 pcs./reel

**"E" suffix before "L" in part number designates tape & reel packaging, e.g. PT61003EL.

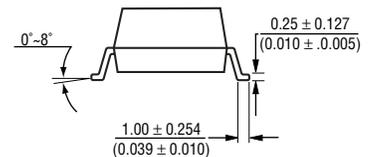
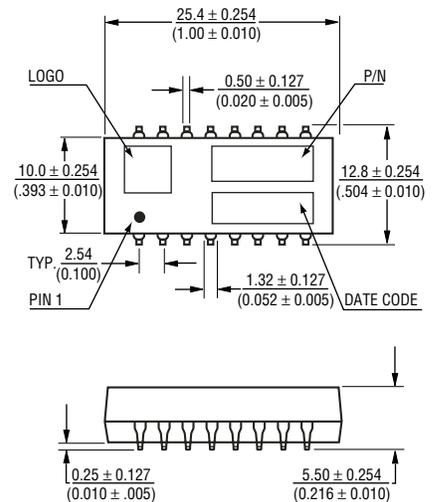
How To Order

Model	PT61003	L
Packaging		
Blank =	Packaged in tubes	
E =	Tape and reel	
Termination		
L =	Tin only (lead free)	

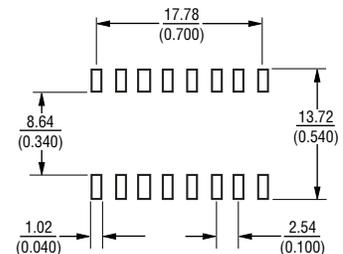
Electrical Schematic



Product Dimensions



Recommended Layout



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