

## Features

- For use with Globespan ADSL/RADSL Line Driver IC (EL-1501) at the customer premises
- Designed to meet UL1950 and EN60950 supplementary insulation requirements for operating voltages up to 250 Vrms
- Small size package
- Operating temperature -40 °C to +85 °C
- Excellent Total Harmonic Distortion (THD) performance
- RoHS compliant\*

## Applications

- ADSL/RADSL - Globespan

# PT534-1L ADSL Line Transformers

### Electrical Specifications @ 25 °C

Turns Ratio  
 (1-3):(10-8), (2-4):(9-7), (1-3):(2-4)  
 ..... 1:1 ±2 %

OCL @ 10 kHz, 0.1 V  
 (1-4) with (2-3) shorted...407 µH ±5 %

Leakage Inductance @ 300 kHz 0.1 V  
 (1-4) with (2-3), (7-10), (8-9) shorted  
 ..... 10.0 µH max.

Longitudinal Balance  
 30 kHz to 1.1 MHz ..... -50 dB min.

Insertion Loss @ 772 kHz  
 ..... < 0.5 dB

Isolation Voltage ..... 1875 Vrms max.

DC Resistance  
 (1-3) = (2-4) ..... 0.66 Ω ±10 %  
 (10-8) = (9-7) ..... 0.56 Ω ±10 %

THD Linearity @ 100 kHz Min.  
 ..... -85 dB typ.

Application ..... CPE

### Packaging Specifications

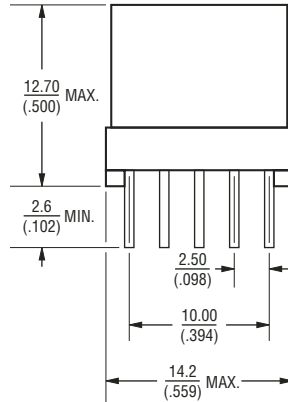
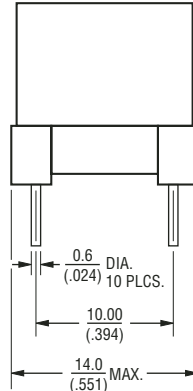
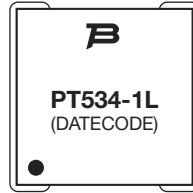
Tray ..... 60 pcs./tray

### How To Order

Model PT534-1 L

Termination \_\_\_\_\_  
 L = Tin only (lead free)

### Product Dimensions



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

TOLERANCE ±  $\frac{0.25}{(.010)}$

### Electrical Schematic

