

### PT534-1 ADSL Line Transformers



#### Features

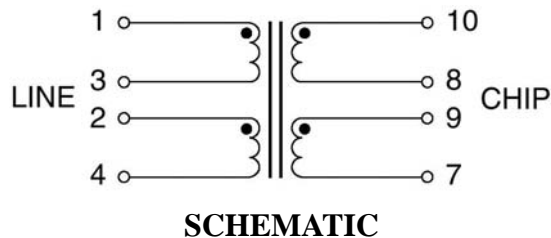
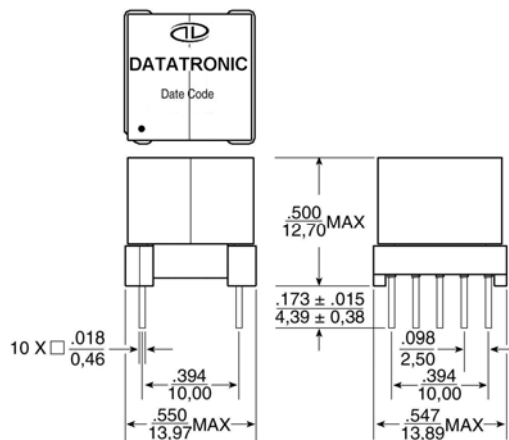
- For use with Globespan ADSL/RADSL Line Driver IC (EL-1501) at the Customer Premise
- Excellent Total Harmonic Distortion (THD) Performance
- Small size package
- Designed to meet UL1950 supplementary insulation requirements
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#### ELECTRICAL SPECIFICATIONS AT 25°C:

#### OPERATING TEMP: -40°C to +85°C

TURNS RATIO (1-3):(10-8), (2-4):(9-7), (1-3):(2-4) OCL @ 10kHz, 0.1V (1-4) WITH (2-3) SHORTED LEAKAGE INDUCTANCE @ 300kHz 0.1V (1-4) WITH (2-3), (7-10), (8-9) SHORTED LONGITUDINAL BALANCE 30kHz TO 1.1MHz INSERTION LOSS @ 772kHz ISOLATION VOLTAGE (MAX) DC RESISTANCE (1-3)=(2-4) (10-8)=(9-7) THD LINEARITY @ 100kHz MIN APPLICATION	1 : 1±2% 407µH±5% 10.0µH MAX -50dB MIN <0.5dB 1875 Vrms 0.66Ω±10% 0.56Ω±10% -85dB TYP CPE
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#### OUTLINE DIMENSIONS



#### NOTES:

1. Dimensions are shown in inches/millimeters  
Unless otherwise specified, tolerance = Inches: ±0.010  
= Millimeters: ±0,25
2. For non-RoHS parts replace PT prefix with 42- (e.g. PT534-1 becomes 42-534-1)
3. Terminal finish is compliant to RoHS requirements.