




# SMT Power Transformer

Matched to Linear Technology Chipset



-  DC/DC converter for use with Linear Technology LTC 1535 isolated RS485 transceiver
-  Compact and cost-effective industrial design: EP7 format
-  500Vrms isolation

## Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

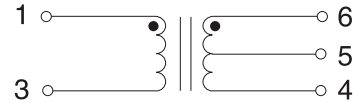
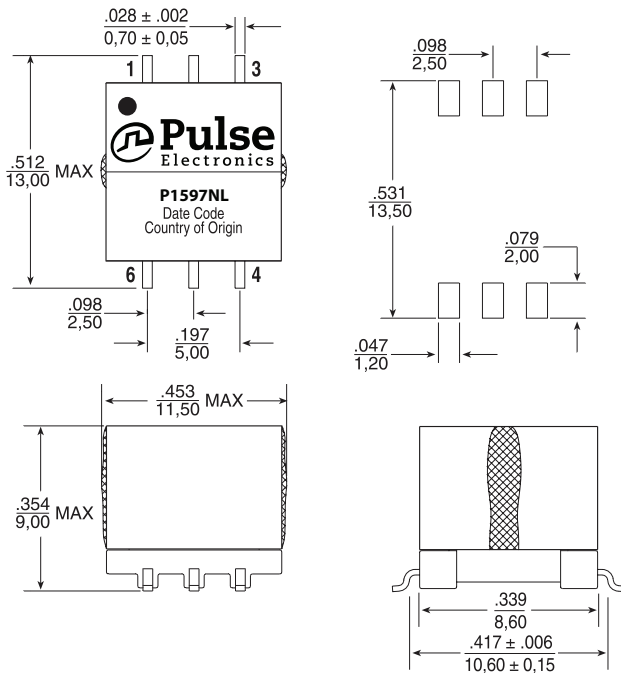
Part Number	Turns Ratio	OCL (@ 25°C) ( $\mu\text{H} \pm 30\%$ )	LL (@ 100kHz/100 mV) ( $\mu\text{H}$ MAX)	Isolation Voltage (Vrms)	Mounting
P1597NL	1:1.35:1.35	578	0.50	2000	SMT

**Notes:** Add suffix "T" to part number for Tape & Reel package (i.e. P1597NLT).

### Mechanical

### Schematic

#### P1597NL



**Weight (TYP)** .....2.6grams  
**Tape & Reel** .....350/reel  
**Tube** .....80/tube

**Dimensions:**  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,  
 all tolerances are  $\pm \frac{.004}{0,10}$

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