




# 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

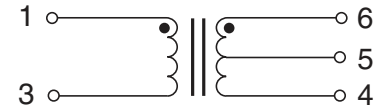
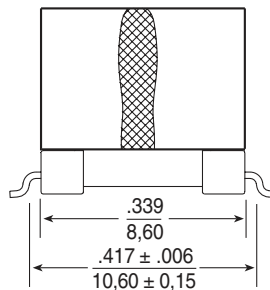
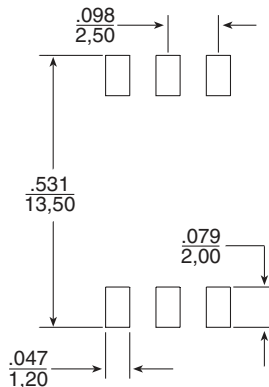
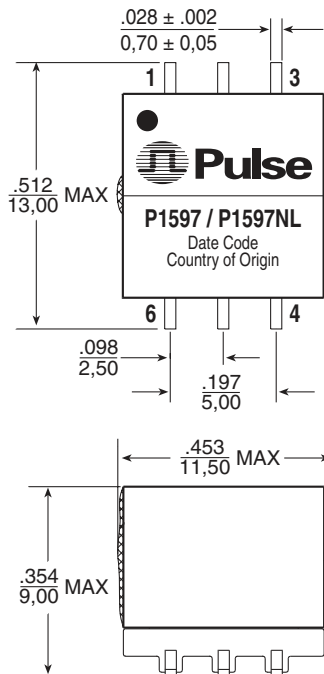
Part Number	Turns Ratio	OCL (@ 25°C) ( $\mu\text{H} \pm 30\%$ )	LL (@100kHz/100 mV) ( $\mu\text{H} \text{ MAX}$ )	Isolation Voltage (Vrms)	Mounting
P1597	1:1.35:1.35	578	0.35	500	SMT
P1597NL	1:1.35:1.35	578	0.50	2000	SMT

NOTE: Add suffix "T" to part number for Tape & Reel package (i.e. P1597T or P1597NLT).

## Mechanical

## Schematic

### P1597 / P1597NL



Weight ..... 1.8 grams  
 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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