



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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

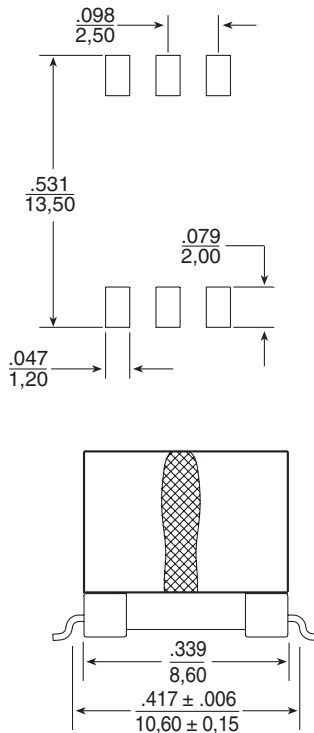
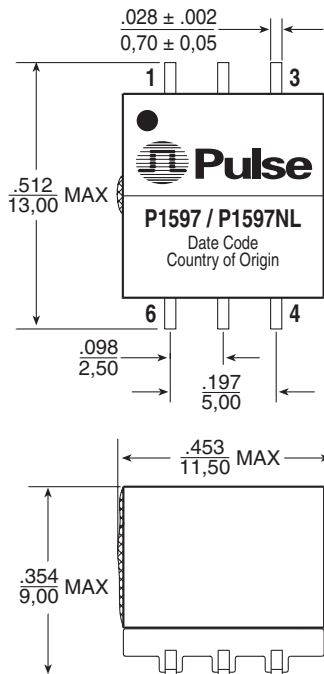
Part Number	Turns Ratio	OCL (@ 25°C) ( $\mu\text{H} \pm 30\%$ )	LL (@100kHz/100 mV) ( $\mu\text{H} \text{ MAX}$ )	Isolation Voltage (Vrms)	Mounting
P1597	1:1.35:1.35	578	0.35	500	SMT
P1597NL	1:1.35:1.35	578	0.50	2000	SMT

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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