




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

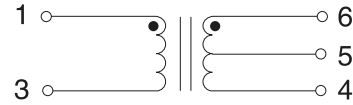
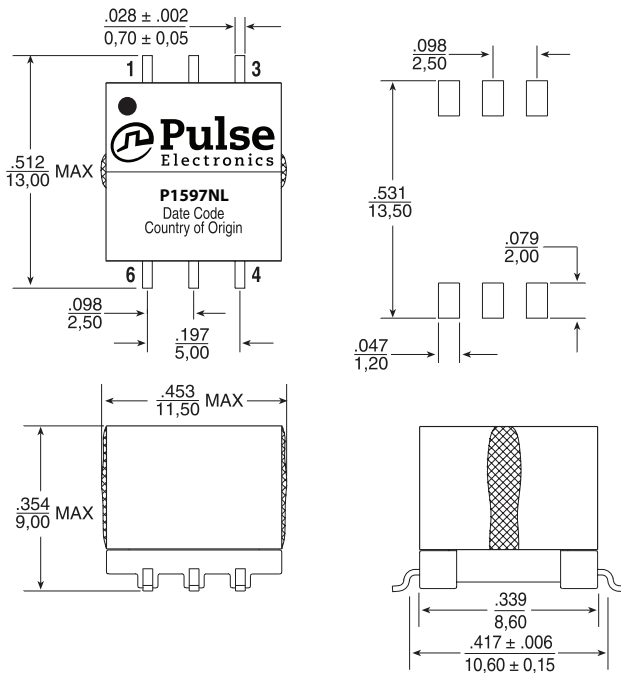
Part Number	Turns Ratio	OCL (@ 25°C) ($\mu\text{H} \pm 30\%$)	LL (@ 100kHz/100 mV) (μH MAX)	Isolation Voltage (Vrms)	Mounting
P1597NL	1:1.35:1.35	578	0.50	2000	SMT

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

Mechanical

Schematic

P1597NL



Weight (TYP)2.6grams
Tape & Reel350/reel
Tube80/tube

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

Unless otherwise specified, all tolerances are $\pm \frac{.004}{0.10}$

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