

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

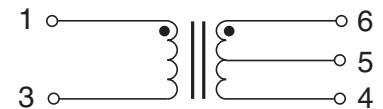
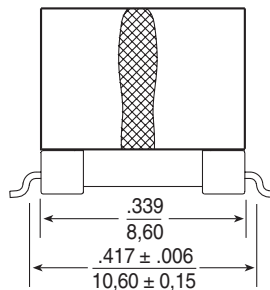
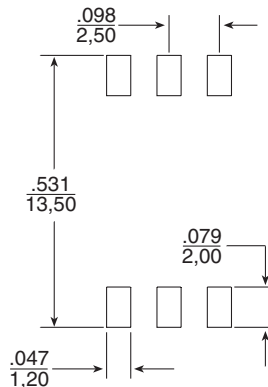
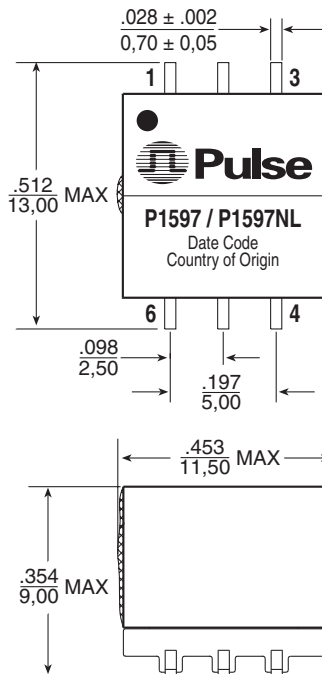
Part Number	Turns Ratio	OCL (@ 25°C) ($\mu\text{H} \pm 30\%$)	LL (@100kHz/100 mV) ($\mu\text{H} \text{ MAX}$)	Isolation Voltage (Vrms)	Mounting
P1597	1:1.35:1.35	578	0.35	500	SMT
P1597NL	1:1.35:1.35	578	0.50	2000	SMT

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 & Reel350/reel
Tube80/tube
Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are $\pm .004$
0,10

For More Information:

Pulse Worldwide Headquarters

12220 World Trade Dr.
San Diego, CA 92128
U.S.A.

www.pulseeng.com

Tel: 858 674 8100

Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 7806 0

Fax: 49 7032 7806 12

Pulse China Headquarters

B402, Shenzhen
Tech-Innovation International
Tenth Kejinan Rd.
High-Tech Industrial Park
Nanshan District, Shenzhen
China

Tel: 86 755 33966678

Fax: 86 755 33966700

Pulse North China

Room 1503
XinYin Building
No. 888 YiShan Rd.
Shanghai 200233
China

Tel: 86 21 54643211/2

Fax: 86 21 54643210

Pulse South Asia

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324

Tel: 65 6287 8998

Fax: 65 6280 0080

Pulse North Asia

No. 26
Kao Ching Rd.
Yang Mei Chen
Tao Yuan Hsien
Taiwan, R. O. C.

Tel: 886 3 4641811

Fax: 886 3 4641911

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