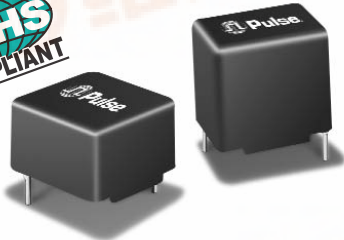


STANDARD LOW POWER INDUCTORS

Switch Mode Power Converters & Ripple Filters



- Designed for general purpose use
- High inductance stability with varying volt-seconds and load currents
- Compact, standard packages
- Low profile or vertical packages

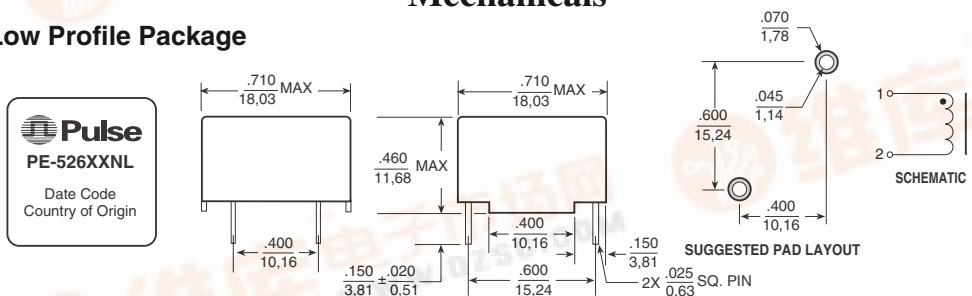
Electrical Specifications @ 25°C — Operating Temperature -40°C to 130°C

Low Profile ³ Part Number	Vertical ³ Part Number	REFERENCE OPERATING VALUES				DESIGN CONTROL VALUES		
		Inductance Typical (μH)	I _{dc} ¹ (AMPS)	Maximum ² E _{TOP} (V-μSec)	Energy Storage (μJ) ¹	Inductance No DC (μH ± 20%)	20kHz Test mV No DC	DCR (Ω MAX)
PE-52625NL	PE-52645NL	150	1.7	80	215	145	110	.42
PE-52626NL	PE-52646NL	220	1.5	90	240	226	140	.42
PE-52627NL	PE-52647NL	330	1.0	100	165	316	170	.78
PE-52628NL	PE-52648NL	470	.90	120	190	480	210	1.26
PE-52629NL	PE-52649NL	680	.85	175	245	690	250	1.50
PE-52630NL	PE-52650NL	820	.75	175	230	780	270	2.40
PE-52631NL	PE-52651NL	1000	.50	175	125	975	300	2.60

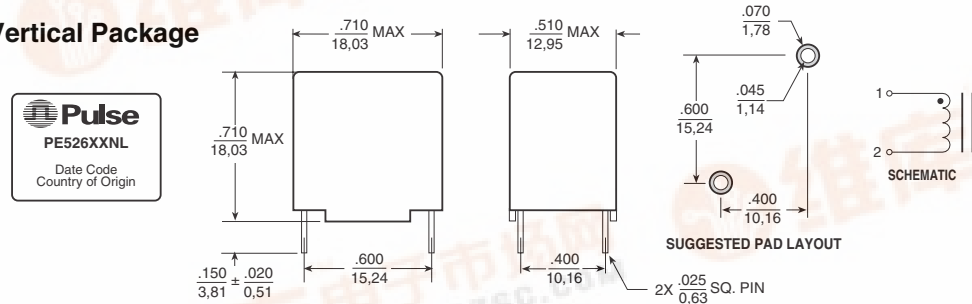
NOTES: 1. I_{dc} rated for 40°C Temperature rise @ low E_{TOP}. 2. Derate current 20% at this E_{TOP}.
3. The Leaded version of these parts is available by removing the "NL" suffix when ordering.

Mechanicals

Low Profile Package



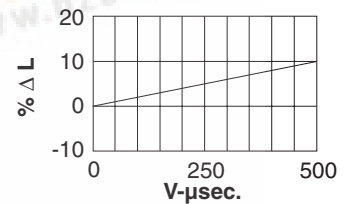
Vertical Package



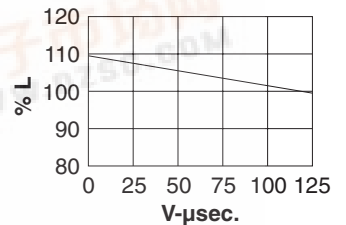
Unless otherwise specified, all tolerances are ± .010 / 0.25

Dimensions: inches / mm

Inductance Characteristics



Inductance Variance vs. E.T.



Inductance Variance vs. Load Current

For More Information:

Pulse Worldwide Headquarters

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

www.pulseeng.com
TEL: 858 674 8100
FAX: 858 674 8252

Pulse Northern Europe

3 Huxley Road
Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom

TEL: 44 1483 401700
FAX: 44 1483 401701

Pulse Southern Europe

Zone Industrielle
F-39270
Orgelet
France

TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

Pulse China Headquarters

No. 1
Industrial District
Changan, Dongguan
China

TEL: 86 769 5538070
FAX: 86 769 5538870

Pulse North China

Room 1002
No. 819
Nanjing West Rd
Shanghai
China

TEL: 86 21 32181071
FAX: 86 21 32181396

Pulse South Asia

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

TEL: 65 6287 8998
FAX: 65 6280 0080

Pulse North Asia

3F-4, No. 81, Sec. 1
Hsin Tai Wu Road
Hsi-Chih
Taipei Hsien
Taiwan

TEL: 886 2 26980228
FAX: 886 2 26980948