

THT POWER INDUCTORS

Toroid - Vertical, Low Profile and *KlipMount™*



Mechanicals

- Base material meets flammability requirements of UL 94V-0
- Mechanically rigid mount
- PC board — automatic insertability
- Lowest cost

Standard Package	A	B	C	D	E
	Maximum			Typical	
KM-1	.340 8,64	.580 14,73	.650 16,51	.29 7,37	.110 2,79
KM-2	.450 11,43	.650 16,51	.700 17,78	.325 8,26	.150 3,81
KM-3	.450 11,43	.850 21,59	.950 24,13	.415 10,54	.150 3,81
KM-4	.620 15,50	.970 24,64	1.10 27,94	.475 12,07	.225 5,72
KM-5	.700 17,78	1.30 33,02	1.40 35,56	.625 15,88	.250 6,35

Note: Units with large wire sizes may exceed B dimension.
KLIPMOUNT™ is a trademark of Pulse Engineering, Inc.

Dimensions: Inches
 mm Unless otherwise specified, all tolerances are $\pm .010$
 $\pm 0,25$

Coil Size	P (MAX)	N (MAX)	L (+.125/-.025)	M	K
A	.550 13,97	.250 6,35	.375 9,53	.180 4,57	—
B	.700 17,78	.380 9,65	.375 9,53	.280 7,11	.530 13,46 $\pm .050$ 1,27
C	.850 21,59	.410 10,41	.375 9,53	.280 7,11	.720 18,29 $\pm .050$ 1,27
D	1.050 26,67	.550 13,97	.375 9,53	.400 10,16	.840 21,24 $\pm .020$ 0,51
E	1.400 35,56	.700 17,78	.375 9,53	.500 12,7	1.100 27,94 $\pm .100$ 2,54
F	1.650 41,91	.700 17,78	.375 9,53	.500 12,7	—
G	.850 21,59	.330 8,38	.875 22,23	.330 8,38	—
H	.640 16,26	.280 7,11	.875 22,23	.280 7,11	—

NOTES:

1. Typical Inductance occurs at I_{DC} and ET_{OP} values shown.
2. Design control test voltage is critical. Inductance increases with voltage.
3. For line filter applications, RMS line current is limited to specified reference DC Current.
4. $\frac{LI^2}{2}$ rating is the ability of the inductor to store energy.
5. DCR for vertical part measured close to coil. Add 10% more for low profile part.
6. RoHS compliant parts are available. Order RoHS compliant parts by adding the suffix "NL" to the part number (i.e. PE-51591 becomes PE-51591NL).

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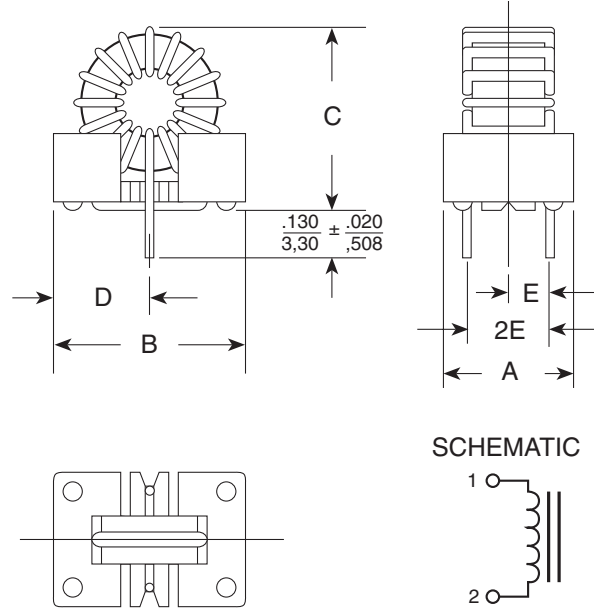
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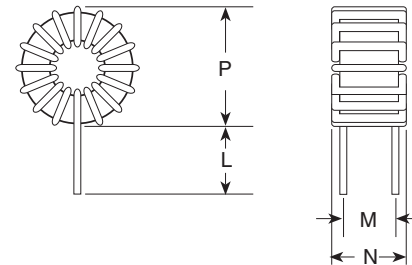
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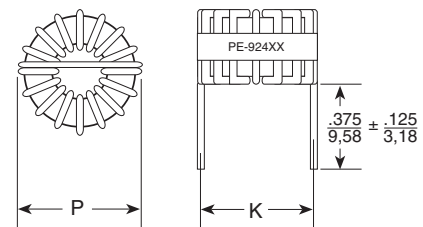
KlipMount™ Package



Vertical Package



Low Profile Package



P635.A (4/06)