

TOROIDAL POWER INDUCTORS



P11T500 SERIES



- Toroidal power inductors with high current capacity
- Low radiation
- Low core loss
- Low core saturation
- Operating temperature range: -55°C to +105°C
- Add -V for Vertical Mount, -H for Horizontal Mount after the part number
- RoHS compliant product

ELECTRICAL PARAMETERS @ 25°C

Part Number	Inductance (μ H) ($\pm 20\%$)	Rated Current (A)	DCR (m Ω MAX)	DIMENSION A (Nom)	DIMENSION B (Nom)	DIMENSION C (Nom)
P11T500-						
R3	0.3	28.5	1.0	0.35	0.60	0.059
R5	0.5	24.7	1.2	0.35	0.60	0.059
R8	0.8	22.1	1.4	0.35	0.60	0.059
1R2	1.2	20.2	1.7	0.35	0.60	0.059
1R5	1.5	18.7	2.0	0.35	0.60	0.059
2R0	2	15.6	2.7	0.34	0.59	0.053
2R7	2.7	14.7	3.0	0.34	0.59	0.053
3R3	3.3	11.1	5.3	0.33	0.58	0.042
3R9	3.9	10.5	5.9	0.33	0.58	0.042
4R7	4.7	10.1	6.4	0.33	0.58	0.042
5R6	5.6	9.7	6.9	0.33	0.58	0.042
6R8	6.8	7.2	13.0	0.31	0.56	0.034
	L = $\pm 15\%$					
8R2	8.2	7.0	14.0	0.31	0.56	0.034
100	10	6.6	15.0	0.31	0.56	0.034
120	12	6.4	16.0	0.31	0.56	0.034
150	15	4.7	29.0	0.29	0.53	0.027
180	18	4.5	32.0	0.29	0.53	0.027
220	22	4.3	35.0	0.29	0.53	0.027
270	27	4.1	39.0	0.29	0.53	0.027
330	33	3.5	54.0	0.29	0.53	0.024
390	39	3.3	59.0	0.29	0.53	0.024
470	47	3.2	64.0	0.29	0.53	0.024

- Note:
1. Inductance measured: 1KHz, 0.1Vrms
 2. Irated: $\Delta 40^\circ\text{C}$ temperature rise max

Product performance is limited to specified parameters. Data is subject to change without prior notice.

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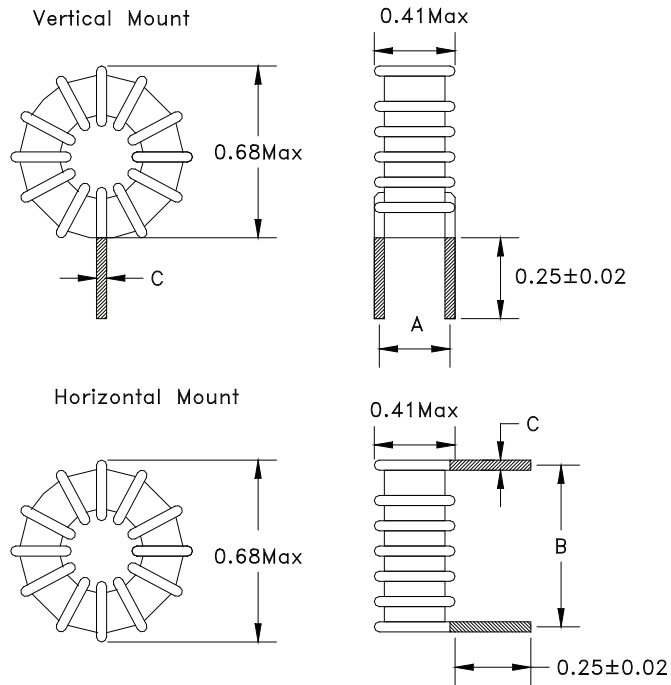
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DIMENSIONS (inch)



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Dimensions
Unless otherwise specified, all tolerances are:
inch: .XX : ± 0.008 .XXX : ± 0.004
mm: X.X : ± 0.20 X,XX : ± 0.10

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