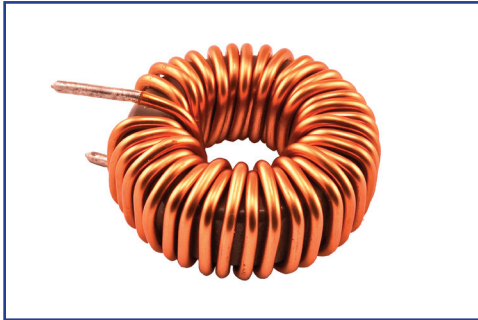


# TOROIDAL POWER INDUCTORS



## P11T80B SERIES



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

### ELECTRICAL PARAMETERS @ 25°C

Part Number	Inductance ( $\mu$ H) ( $\pm 15\%$ )	Idc (A)	Inductance @ Idc ( $\mu$ H) ( $\pm 15\%$ )	DCR ( $\Omega$ MAX)	DIMENSION A (Nom)	DIMENSION B (Nom)	DIMENSION C (Nom)
P11T80B-100-12.5	10	12.5	6.7	0.007	0.46	0.88	0.053
120-12	12	12.0	7.9	0.008	0.46	0.88	0.053
150-11.3	15	11.3	9.6	0.008	0.46	0.88	0.053
180-10.8	18	10.8	11.3	0.009	0.46	0.88	0.053
220-10.3	22	10.3	13.4	0.010	0.46	0.88	0.053
270-9.8	27	9.8	16.0	0.011	0.46	0.88	0.053
330-7.4	33	7.4	21.6	0.020	0.45	0.87	0.042
390-7.1	39	7.1	25.0	0.022	0.45	0.87	0.042
470-6.7	47	6.7	29.3	0.024	0.45	0.87	0.042
560-6.4	56	6.4	34.1	0.026	0.45	0.87	0.042
680-4.9	68	4.9	45.7	0.046	0.44	0.86	0.034
101-4.4	100	4.4	64.0	0.056	0.44	0.86	0.034
121-3.3	120	3.3	84.4	0.098	0.44	0.86	0.027
151-3.1	150	3.1	102.7	0.110	0.44	0.86	0.027
181-3.8	180	3.8	105.9	0.075	0.48	0.90	0.034
221-3.6	220	3.6	125.6	0.083	0.48	0.90	0.034
271-3.4	270	3.4	149.4	0.092	0.48	0.90	0.034
331-3.3	330	3.3	176.8	0.100	0.48	0.90	0.034
391-2.5	390	2.5	235.3	0.180	0.46	0.88	0.027
471-2.3	470	2.3	275.9	0.190	0.46	0.88	0.027
561-2.2	560	2.2	320.1	0.210	0.46	0.88	0.027
681-2.1	680	2.1	377.2	0.230	0.49	0.91	0.027
821-2.0	820	2.0	441.5	0.260	0.49	0.91	0.027
102-1.9	1000	1.9	521.3	0.280	0.49	0.91	0.027

Note:

1. Inductance measured: 10KHz, 0.1Vrms
2. Idc:  $\Delta 30^\circ\text{C}$  temperature rise max at rated current

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

Tel: 310-325-1043  
Fax: 310-325-1044

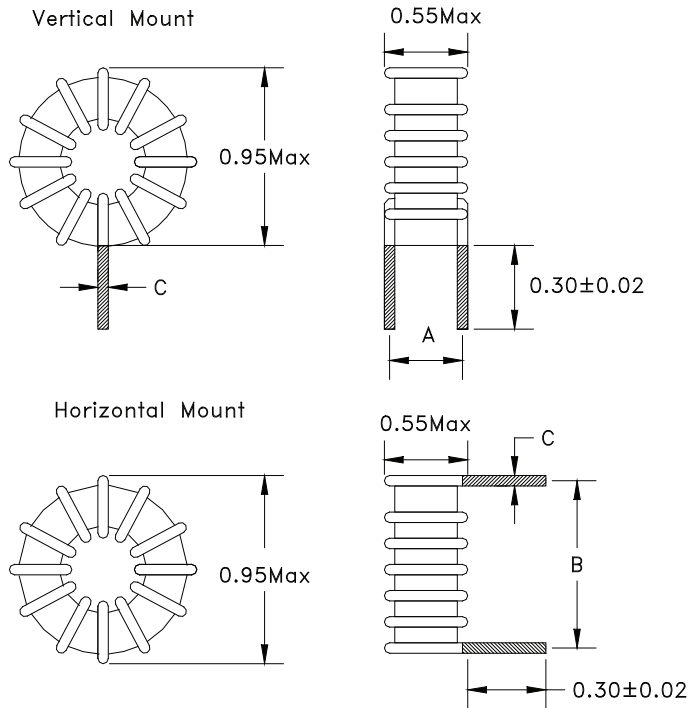
www.mpsind.com  
sales@mpsind.com

# TOROIDAL POWER INDUCTORS



## P11T80B SERIES

### DIMENSIONS (inch)



#### Dimensions

Unless otherwise specified, all tolerances are:  
inch: .XX :  $\pm 0.008$  .XXX :  $\pm 0.004$   
mm: X,X :  $\pm 0.20$  X,XX :  $\pm 0.10$

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

Tel: 310-325-1043  
Fax: 310-325-1044

www.mpsind.com  
sales@mpsind.com