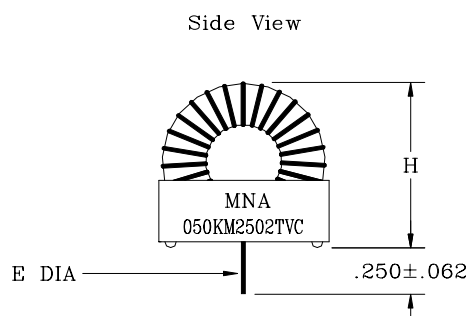
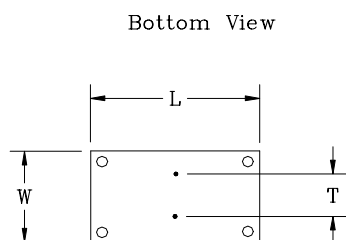




**Vertical Encapsulated
High Efficiency Toroidal
Power Chokes**

Rev 1

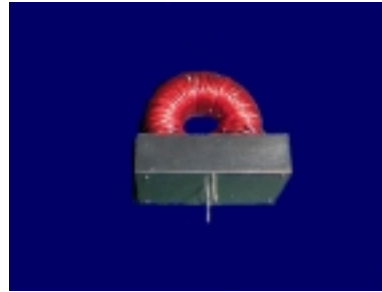
- **Excellent electromagnetic shielding performance for commercial and industrial applications.**
- **Current rating from 1.69 to 14.5 amps.**
- **.025 inches stand-offs.**
- **Inductance values from 10 μ H to 1000 μ H.**



MNA Part Number	L μ H @ 1kHz \pm 10%	Current Rating ADC	Inc-I ADC Δ L 10%	Inc-I ADC Δ L 20%	DCR Ohms Max.	SRF MHz Min.	L Dim. Nom.	W Dim. Nom.	H Dim. Nom.	T Dim. Nom.	E Dim. Nom.
050KM1000TVC	10	7.36	1.70	3.30	0.010	35.0	0.750	0.400	0.775	0.250	0.036
050KM2502TVC	25	5.20	1.00	1.90	0.020	10.0	0.750	0.400	0.775	0.250	0.032
050KM5002TVC	50	3.93	0.70	1.30	0.035	4.0	0.750	0.400	0.775	0.250	0.028
050KM7502TVC	75	3.47	0.60	1.10	0.045	3.5	0.750	0.400	0.775	0.250	0.025
050KM1003TVC	100	3.14	0.50	0.96	0.055	2.5	0.750	0.400	0.775	0.250	0.025
050KM1503TVC	150	2.33	0.40	0.78	0.100	1.5	0.750	0.400	0.775	0.250	0.020
050KM2003TVC	200	1.97	0.35	0.65	0.140	1.3	0.750	0.400	0.775	0.250	0.018
050KM2503TVC	250	1.84	0.31	0.59	0.160	1.0	0.750	0.400	0.775	0.250	0.018
050KM3303TVC	330	1.69	0.27	0.50	0.190	0.8	0.750	0.400	0.775	0.250	0.018
121KM1002TVC	10	8.72	5.30	9.10	0.010	20.0	0.800	0.500	0.950	0.350	0.040
121KM2502TVC	25	6.34	3.30	5.70	0.017	6.5	0.800	0.500	0.950	0.350	0.040
121KM5002TVC	50	4.77	2.30	4.00	0.030	3.5	0.800	0.500	0.950	0.350	0.036
121KM7502TVC	75	3.90	1.80	3.10	0.045	2.5	0.800	0.500	0.950	0.350	0.032
121KM1003TVC	100	3.24	1.60	2.80	0.065	2.0	0.800	0.500	0.975	0.350	0.028
121KM1503TVC	150	2.68	1.30	2.20	0.095	1.5	0.800	0.500	0.975	0.350	0.025
121KM2503TVC	250	2.07	0.90	1.70	0.160	1.0	0.800	0.500	0.975	0.350	0.023



KMTVC SERIES



Manufacturing
Facility is
ISO 9002
Certified

Vertical Encapsulated High Efficiency Toroidal Power Chokes

Rev 1

MNA Part Number	L μ H @ 1kHz $\pm 10\%$	Current Rating ADC	Inc-I ADC ΔL 10%	Inc-I ADC ΔL 20%	DCR Ohms Max.	SRF MHz Min.	L Dim. Nom.	W Dim. Nom.	H Dim. Nom.	T Dim. Nom.	E Dim. Nom.
059KM1002TVC	10	14.50	7.60	13.00	0.008	10.0	1.210	0.685	1.175	0.400	0.051
059KM2502TVC	25	9.80	4.70	8.30	0.011	8.0	1.210	0.685	1.175	0.400	0.051
059KM5002TVC	50	6.90	3.30	5.70	0.022	3.5	1.210	0.685	1.175	0.400	0.045
059KM7502TVC	75	5.90	3.00	4.90	0.030	2.5	1.210	0.685	1.175	0.400	0.040
059KM1003TVC	100	4.90	2.40	4.20	0.044	2.0	1.210	0.685	1.175	0.400	0.036
059KM1503TVC	150	4.50	1.90	3.40	0.052	1.0	1.210	0.685	1.175	0.400	0.036
059KM2503TVC	250	3.50	1.50	2.70	0.088	0.9	1.210	0.685	1.250	0.400	0.032
059KM5003TVC	500	2.60	1.10	1.80	0.160	0.7	1.210	0.685	1.250	0.400	0.028
059KM7503TVC	750	2.10	0.90	1.60	0.240	0.5	1.210	0.685	1.250	0.400	0.025
894KM2502TVC	25	12.80	6.60	11.00	0.012	8.0	1.450	0.825	1.400	0.600	0.051
894KM5002TVC	50	9.90	4.20	7.40	0.016	4.0	1.450	0.825	1.400	0.600	0.051
894KM7502TVC	75	8.00	3.70	6.40	0.023	2.5	1.450	0.825	1.400	0.600	0.051
894KM1003TVC	100	8.00	3.50	6.00	0.023	2.0	1.450	0.825	1.400	0.600	0.051
894KM1503TVC	150	6.50	2.30	4.30	0.035	1.0	1.450	0.825	1.400	0.600	0.045
894KM2503TVC	250	5.00	1.90	3.20	0.060	0.9	1.450	0.825	1.400	0.600	0.040
894KM5003TVC	500	3.40	1.40	2.50	0.131	0.7	1.450	0.825	1.475	0.600	0.032
894KM7503TVC	750	3.00	1.20	2.10	0.160	0.6	1.450	0.825	1.475	0.600	0.032
894KM1004TVC	1000	2.40	1.00	1.80	0.235	0.4	1.450	0.825	1.475	0.600	0.028

- Rated current is based on a 40° C temperature rise at an ambient temperature of 90° C.
- Incremental current is the approximate value that will cause a percentage drop in inductance as indicated in the table.