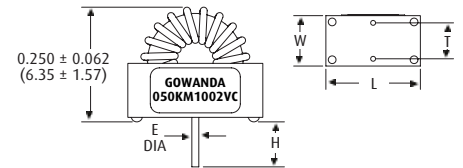


KMVC SERIES



Vertical Mount Encapsulated High Efficiency Toroidal Choke

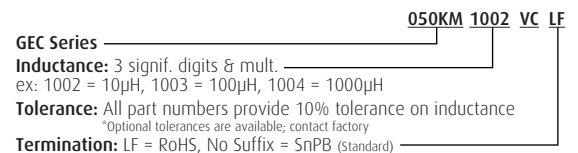


PART NUMBER	L $\mu$ H @ 1 kHz	DCR $\Omega$ MAX	SRF MHz MIN	CURRENT RATING A DC	INC I A DC $\Delta$ L 10%	INC I A DC $\Delta$ L 20%	DIMENSIONS				
							L DIM NOM	W DIM NOM	H DIM MAX	T DIM NOM	E DIM NOM
050KM1002VC	10	0.010	35	7.36	1.7	3.3	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.036 (0.91)
050KM2502VC	25	0.020	10	5.20	1.0	1.9	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.032 (0.81)
050KM5002VC	50	0.035	4	3.93	0.7	1.3	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.028 (0.71)
050KM7502VC	75	0.045	3.5	3.47	0.6	1.1	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.025 (0.64)
050KM1003VC	100	0.055	2.5	3.14	0.5	0.96	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.025 (0.64)
050KM1503VC	150	0.100	1.5	2.33	0.4	0.78	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.020 (0.51)
050KM2003VC	200	0.140	1.3	1.97	0.35	0.65	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.018 (0.46)
050KM2503VC	250	0.160	1.0	1.84	0.31	0.59	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.018 (0.46)
050KM3303VC	330	0.190	0.80	1.69	0.27	0.50	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.018 (0.46)
121KM1002VC	10	0.010	20	8.27	5.3	9.1	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.040 (1.02)
121KM2502VC	25	0.017	6.5	6.34	3.3	5.7	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.040 (1.02)
121KM5002VC	50	0.030	3.5	4.77	2.3	4.0	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.036 (0.91)
121KM7502VC	75	0.045	2.5	3.90	1.8	3.1	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.032 (0.81)
121KM1003VC	100	0.065	2.0	3.24	1.6	2.8	0.800 (20.32)	0.500 (12.70)	0.975 (24.77)	0.350 (8.89)	0.028 (0.71)
121KM1503VC	150	0.095	1.5	2.68	1.3	2.2	0.800 (20.32)	0.500 (12.70)	0.975 (24.77)	0.350 (8.89)	0.025 (0.64)
121KM2503VC	250	0.160	1.0	2.07	0.9	1.7	0.800 (20.32)	0.500 (12.70)	0.975 (24.77)	0.350 (8.89)	0.023 (0.58)
059KM1002VC	10	0.008	10	14.5	7.6	13	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.051 (1.30)
059KM2502VC	25	0.011	8	9.8	4.7	8.3	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.051 (1.30)
059M5002VC	50	0.022	3.5	6.9	3.3	5.7	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.045 (1.14)
059KM7502VC	75	0.030	2.5	5.9	3.0	4.9	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.040 (1.02)
059KM1003VC	100	0.044	2.0	4.9	2.4	4.2	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.036 (0.91)
059KM1503VC	150	0.052	1.0	4.5	1.9	3.4	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.036 (0.91)
059KM2503VC	250	0.088	0.90	3.5	1.5	2.7	1.210 (30.73)	0.685 (17.40)	1.250 (31.75)	0.400 (10.16)	0.032 (0.81)
059KM5003VC	500	0.160	0.70	2.6	1.1	1.8	1.210 (30.73)	0.685 (17.40)	1.250 (31.75)	0.400 (10.16)	0.028 (0.71)
059KM7503VC	750	0.240	0.50	2.1	0.9	1.6	1.210 (30.73)	0.685 (17.40)	1.250 (31.75)	0.400 (10.16)	0.025 (0.64)
894KM2502VC	25	0.012	8	12.8	6.6	11	1.450 (36.83)	0.825 (20.96)	1.400 (35.56)	0.600 (15.24)	0.051 (1.30)
894KM5002VC	50	0.016	4	9.9	4.2	7.4	1.450 (36.83)	0.825 (20.96)	1.400 (35.56)	0.600 (15.24)	0.051 (1.30)
894KM7502VC	75	0.023	2.5	8.0	3.7	6.4	1.450 (36.83)	0.825 (20.96)	1.400 (35.56)	0.600 (15.24)	0.051 (1.30)
894KM1003VC	100	0.023	2.0	8.0	3.5	6.0	1.450 (36.83)	0.825 (20.96)	1.400 (35.56)	0.600 (15.24)	0.051 (1.30)
894KM1503VC	150	0.035	1.0	6.5	2.3	4.3	1.450 (36.83)	0.825 (20.96)	1.400 (35.56)	0.600 (15.24)	0.045 (1.14)
894KM2503VC	250	0.060	0.90	5.0	1.9	3.2	1.450 (36.83)	0.825 (20.96)	1.400 (35.56)	0.600 (15.24)	0.040 (1.02)
894KM5003VC	500	0.131	0.7	3.4	1.4	2.5	1.450 (36.83)	0.825 (20.96)	1.475 (37.47)	0.600 (15.24)	0.032 (0.81)
894KM7503VC	750	0.160	0.6	3.0	1.2	2.1	1.450 (36.83)	0.825 (20.96)	1.475 (37.47)	0.600 (15.24)	0.032 (0.81)
894KM1004VC	1000	0.235	0.4	2.4	1.0	1.8	1.450 (36.83)	0.825 (20.96)	1.475 (37.47)	0.600 (15.24)	0.028 (0.71)

NOTES

- **Operating Temperature Range:** -55°C to +130°C
- **Current Rating** 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
- **Weight Max:** 6.2 grams (050KMVC Series), 12 grams (121KMVC Series), 28 grams (059KMVC Series), 58 grams (894KMVC Series)
- **Marking:** GOWANDA; Part Number (see diagram above)
- Excellent Electromagnetic Shielding
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION



PACKAGING SPECS

Bulk Only