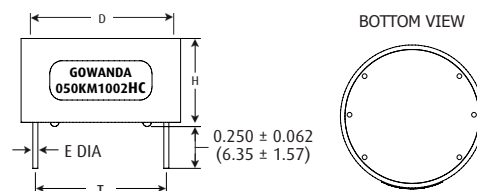


KMHC SERIES



Horizontal Mount Potted Toroidal Choke



PART NUMBER	L μ H @ 1 kHz	DCR Ω MAX	SRF MHz MIN	CURRENT RATING A DC	INC I A DC Δ L 10%	INC I A DC Δ L 20%	DIMENSIONS			
							D DIM NOM	H DIM NOM	T DIM NOM	E DIM NOM
050KM1002HC	10	0.010	20	7.36	1.70	3.30	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.036 (0.91)
050KM2502HC	25	0.020	6	5.20	1.0	1.9	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.032 (0.81)
050KM5002HC	50	0.035	3.5	3.93	0.70	1.3	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.028 (0.71)
050KM7502HC	75	0.045	2.5	3.47	0.60	1.1	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.025 (0.64)
050KM1003HC	100	0.055	2.0	3.14	0.50	0.96	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.025 (0.64)
050KM1503HC	150	0.100	1.0	2.33	0.40	0.78	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.020 (0.51)
050KM2003HC	200	0.140	0.70	1.97	0.35	0.65	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.018 (0.46)
050KM2503HC	250	0.160	0.50	1.84	0.31	0.59	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.018 (0.46)
050KM3303HC	330	0.190	0.30	1.69	0.27	0.50	0.750 (19.05)	0.425 (10.80)	0.560 (14.22)	0.018 (0.46)
121KM1002HC	10	0.010	10	8.27	5.3	9.1	0.950 (24.13)	0.550 (13.97)	0.750 (19.05)	0.040 (1.02)
121KM2502HC	25	0.017	5	6.34	3.3	5.7	0.950 (24.13)	0.550 (13.97)	0.750 (19.05)	0.040 (1.02)
121KM5002HC	50	0.030	2.5	4.77	2.3	4.0	0.950 (24.13)	0.550 (13.97)	0.750 (19.05)	0.036 (0.91)
121KM7502HC	75	0.045	2.0	3.90	1.8	3.1	0.950 (24.13)	0.550 (13.97)	0.750 (19.05)	0.032 (0.81)
121KM1003HC	100	0.065	1.5	3.24	1.6	2.8	0.950 (24.13)	0.550 (13.97)	0.750 (19.05)	0.028 (0.71)
121KM1503HC	150	0.095	1.0	2.68	1.3	2.2	0.950 (24.13)	0.550 (13.97)	0.750 (19.05)	0.025 (0.64)
121KM2503HC	250	0.160	0.90	2.07	0.9	1.7	0.950 (24.13)	0.550 (13.97)	0.750 (19.05)	0.023 (0.58)
059KM1002HC	10	0.008	10	14.50	7.6	13	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.051 (1.30)
059KM2502HC	25	0.011	5	9.80	4.7	8.3	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.051 (1.30)
059KM5002HC	50	0.022	3	6.90	3.3	5.7	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.045 (1.14)
059KM7502HC	75	0.030	2	5.90	3.0	4.9	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.040 (1.02)
059KM1003HC	100	0.044	1.5	4.90	2.4	4.2	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.036 (0.91)
059KM1503HC	150	0.052	1.0	4.50	1.9	3.4	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.036 (0.91)
059KM2503HC	250	0.088	0.80	3.50	1.5	2.7	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.032 (0.81)
059KM5003HC	500	0.160	0.60	2.60	1.1	1.8	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.028 (0.71)
059KM7503HC	750	0.240	0.40	2.10	0.9	1.6	1.250 (31.75)	0.650 (16.51)	1.050 (26.67)	0.025 (0.64)
894KM2502HC	25	0.012	5	12.80	6.6	11	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.051 (1.30)
894KM5002HC	50	0.016	2.5	9.90	4.2	7.4	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.051 (1.30)
894KM7502HC	75	0.023	2.0	8.00	3.7	6.4	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.051 (1.30)
894KM1003HC	100	0.023	1.5	8.00	3.5	6.0	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.051 (1.30)
894KM1503HC	150	0.035	1.0	6.50	2.3	4.3	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.045 (1.14)
894KM2503HC	250	0.060	0.80	5.00	1.9	3.2	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.040 (1.02)
894KM5003HC	500	0.131	0.60	3.40	1.4	2.5	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.032 (0.81)
894KM7503HC	750	0.160	0.40	3.00	1.2	2.1	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	0.032 (0.81)
894KM1004HC	1000	0.235	0.30	2.40	1.0	1.8	1.450 (36.83)	0.850 (21.59)	1.200 (30.48)	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: 7.5 grams (050KMHC Series), 16 grams (121KMHC Series), 33 grams (059KMHC Series), 65 grams (894KMHC 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

GEC Series 050KM 1002 HC LF

Inductance: 3 signif. digits & mult. _____
 ex: 1002 = 10 μ H, 1003 = 100 μ H, 1004 = 1000 μ H

Tolerance: All part numbers provide 10% tolerance on inductance
 *Optional tolerances are available; contact factory

Termination: LF = RoHS, No Suffix = SnPB (Standard)

PACKAGING SPECS

Bulk Only