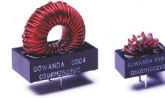


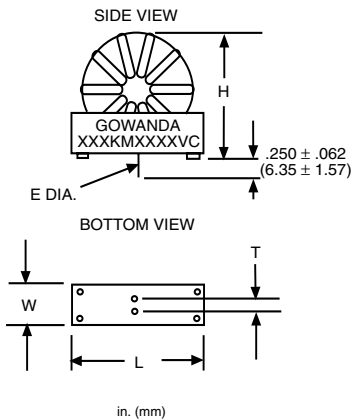
POWER INDUCTORS - THRU HOLE



KMVCLF RoHS High Efficiency Toroidal Inductors



PART NUMBER	L μ H @ 1kHz $\pm 10\%$	CURRENT RATING* ADC	INC.I ADC** $\Delta L 10\%$	INC.I ADC** $\Delta L 20\%$	DCR OHMS MAX.	SRF MHz MIN.	L DIM. NOM.	W DIM. NOM.	H DIM. MAX.	T DIM. NOM.	E DIM. NOM.
050KM1002VCLF	10	7.36	1.70	3.30	.010	35.0	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.036 (0.91)
050KM2502VCLF	25	5.20	1.00	1.90	.020	10.0	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.032 (0.81)
050KM5002VCLF	50	3.93	0.70	1.30	.035	4.0	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.028 (0.71)
050KM7502VCLF	75	3.47	0.60	1.10	.045	3.5	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.025 (0.64)
050KM1003VCLF	100	3.14	0.50	0.96	.055	2.5	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.025 (0.64)
050KM1503VCLF	150	2.33	0.40	0.78	.100	1.5	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.020 (0.51)
050KM2003VCLF	200	1.97	0.35	0.65	.140	1.3	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.018 (0.46)
050KM2503VCLF	250	1.84	0.31	0.59	.160	1.0	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.018 (0.46)
050KM3303VCLF	330	1.69	0.27	0.50	.190	.8	.750 (19.05)	.400 (10.16)	.775 (19.69)	.250 (6.35)	.018 (0.46)
121KM1002VCLF	10	8.27	5.30	9.10	.010	20.0	.800 (20.32)	.500 (12.70)	.950 (24.13)	.350 (8.89)	.040 (1.02)
121KM2502VCLF	25	6.34	3.30	5.70	.017	6.5	.800 (20.32)	.500 (12.70)	.950 (24.13)	.350 (8.89)	.040 (1.02)
121KM5002VCLF	50	4.77	2.30	4.00	.030	3.5	.800 (20.32)	.500 (12.70)	.950 (24.13)	.350 (8.89)	.036 (0.91)
121KM7502VCLF	75	3.90	1.80	3.10	.045	2.5	.800 (20.32)	.500 (12.70)	.950 (24.13)	.350 (8.89)	.032 (0.81)
121KM1003VCLF	100	3.24	1.60	2.80	.065	2.0	.800 (20.32)	.500 (12.70)	.975 (24.77)	.350 (8.89)	.028 (0.71)
121KM1503VCLF	150	2.68	1.30	2.20	.095	1.5	.800 (20.32)	.500 (12.70)	.975 (24.77)	.350 (8.89)	.025 (0.64)
121KM2503VCLF	250	2.07	0.90	1.70	.160	1.0	.800 (20.32)	.500 (12.70)	.975 (24.77)	.350 (8.89)	.023 (0.58)
059KM1002VCLF	10	14.50	7.60	13.00	.008	10.0	1.210 (30.73)	.685 (17.40)	1.175 (29.85)	.400 (10.16)	.051 (1.30)
059KM2502VCLF	25	9.80	4.70	8.30	.011	8.0	1.210 (30.73)	.685 (17.40)	1.175 (29.85)	.400 (10.16)	.051 (1.30)
059KM5002VCLF	50	6.90	3.30	5.70	.022	3.5	1.210 (30.73)	.685 (17.40)	1.175 (29.85)	.400 (10.16)	.045 (1.14)
059KM7502VCLF	75	5.90	3.00	4.90	.030	2.5	1.210 (30.73)	.685 (17.40)	1.175 (29.85)	.400 (10.16)	.040 (1.02)
059KM1003VCLF	100	4.90	2.40	4.20	.044	2.0	1.210 (30.73)	.685 (17.40)	1.175 (29.85)	.400 (10.16)	.036 (0.91)
059KM1503VCLF	150	4.50	1.90	3.40	.052	1.0	1.210 (30.73)	.685 (17.40)	1.175 (29.85)	.400 (10.16)	.036 (0.91)
059KM2503VCLF	250	3.50	1.50	2.70	.088	.9	1.210 (30.73)	.685 (17.40)	1.250 (31.75)	.400 (10.16)	.032 (0.81)
059KM5003VCLF	500	2.60	1.10	1.80	.160	.7	1.210 (30.73)	.685 (17.40)	1.250 (31.75)	.400 (10.16)	.028 (0.71)
059KM7503VCLF	750	2.10	0.90	1.60	.240	.5	1.210 (30.73)	.685 (17.40)	1.250 (31.75)	.400 (10.16)	.025 (0.64)
894KM2502VCLF	25	12.80	6.60	11.00	.012	8.0	1.450 (36.83)	.825 (20.96)	1.400 (35.56)	.600 (15.24)	.051 (1.30)
894KM5002VCLF	50	9.90	4.20	7.40	.016	4.0	1.450 (36.83)	.825 (20.96)	1.400 (35.56)	.600 (15.24)	.051 (1.30)
894KM7502VCLF	75	8.00	3.70	6.40	.023	2.5	1.450 (36.83)	.825 (20.96)	1.400 (35.56)	.600 (15.24)	.051 (1.30)
894KM1003VCLF	100	8.00	3.50	6.00	.023	2.0	1.450 (36.83)	.825 (20.96)	1.400 (35.56)	.600 (15.24)	.051 (1.30)
894KM1503VCLF	150	6.50	2.30	4.30	.035	1.0	1.450 (36.83)	.825 (20.96)	1.400 (35.56)	.600 (15.24)	.045 (1.14)
894KM2503VCLF	250	5.00	1.90	3.20	.060	.9	1.450 (36.83)	.825 (20.96)	1.400 (35.56)	.600 (15.24)	.040 (1.02)
894KM5003VCLF	500	3.40	1.40	2.50	.131	.7	1.450 (36.83)	.825 (20.96)	1.475 (37.47)	.600 (15.24)	.032 (0.81)
894KM7503VCLF	750	3.00	1.20	2.10	.160	.6	1.450 (36.83)	.825 (20.96)	1.475 (37.47)	.600 (15.24)	.032 (0.81)
894KM1004VCLF	1000	2.40	1.00	1.80	.235	.4	1.450 (36.83)	.825 (20.96)	1.475 (37.47)	.600 (15.24)	.028 (0.71)



NOTES:

• Operating temperature -55°C to +130°C

**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.

PACKAGING SPECS:

Bulk only.