

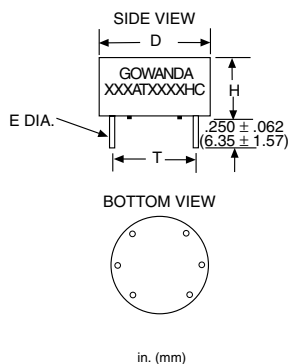
POWER INDUCTORS - THRU HOLE



ATHCLF RoHS Toroidal Power Inductors



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.	D DIM NOM.	H DIM NOM.	T DIM NOM.	E DIM NOM.
050AT1002HCLF	10	7.36	6.0	8.7	.010	20.0	.750 (19.05)	.425 (10.80)	.560 (14.22)	.036 (0.91)
050AT2502HCLF	25	5.20	3.6	5.3	.020	6.0	.750 (19.05)	.425 (10.80)	.560 (14.22)	.032 (0.81)
050AT5002HCLF	50	3.93	2.0	3.1	.035	3.5	.750 (19.05)	.425 (10.80)	.560 (14.22)	.028 (0.71)
050AT7502HCLF	75	3.47	1.6	2.5	.045	2.5	.750 (19.05)	.425 (10.80)	.560 (14.22)	.025 (0.64)
050AT1003HCLF	100	3.14	1.5	2.2	.055	2.0	.750 (19.05)	.425 (10.80)	.560 (14.22)	.025 (0.64)
050AT1503HCLF	150	2.33	1.2	1.8	.100	1.0	.750 (19.05)	.425 (10.80)	.560 (14.22)	.020 (0.51)
050AT2003HCLF	200	1.97	1.0	1.6	.140	.7	.750 (19.05)	.425 (10.80)	.560 (14.22)	.018 (0.46)
050AT2503HCLF	250	1.84	.9	1.4	.160	.5	.750 (19.05)	.425 (10.80)	.560 (14.22)	.018 (0.46)
050AT3303HCLF	330	1.69	.8	1.2	.190	.3	.750 (19.05)	.425 (10.80)	.560 (14.22)	.018 (0.46)
121AT1002HCLF	10	8.27	9.0	14.0	.010	10.0	.950 (24.13)	.550 (13.97)	.750 (19.05)	.040 (1.02)
121AT2502HCLF	25	6.34	7.0	10.5	.017	5.0	.950 (24.13)	.550 (13.97)	.750 (19.05)	.040 (1.02)
121AT5002HCLF	50	4.77	3.9	6.0	.030	2.5	.950 (24.13)	.550 (13.97)	.750 (19.05)	.036 (0.91)
121AT7502HCLF	75	3.90	3.9	5.8	.045	2.0	.950 (24.13)	.550 (13.97)	.750 (19.05)	.032 (0.81)
121AT1003HCLF	100	3.24	3.4	5.2	.065	1.5	.950 (24.13)	.550 (13.97)	.750 (19.05)	.028 (0.71)
121AT1503HCLF	150	2.68	3.3	4.8	.095	1.0	.950 (24.13)	.550 (13.97)	.750 (19.05)	.025 (0.64)
121AT2503HCLF	250	2.07	2.2	3.2	.160	.9	.950 (24.13)	.550 (13.97)	.750 (19.05)	.023 (0.58)
059AT1002HCLF	10	14.5	15.0	20.0	.008	10.0	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.051 (1.30)
059AT2502HCLF	25	9.8	11.0	16.0	.011	5.0	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.051 (1.30)
059AT5002HCLF	50	6.9	8.3	12.0	.022	3.0	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.045 (1.14)
059AT7502HCLF	75	5.9	6.7	9.1	.030	2.0	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.040 (1.02)
059AT1003HCLF	100	4.9	6.5	8.2	.044	1.5	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.036 (0.91)
059AT1503HCLF	150	4.5	4.2	6.0	.052	1.0	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.036 (0.91)
059AT2503HCLF	250	3.5	4.0	5.6	.088	.8	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.032 (0.81)
059AT5003HCLF	500	2.6	2.7	3.8	.160	.6	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.028 (0.71)
059AT7503HCLF	750	2.1	1.8	2.7	.240	.4	1.250 (31.75)	.650 (16.51)	1.050 (26.67)	.025 (0.64)
894AT2502HCLF	25	12.8	13.5	20.0	.012	5.0	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.051 (1.30)
894AT5002HCLF	50	9.9	10.8	15.2	.016	2.5	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.051 (1.30)
894AT7502HCLF	75	8.0	8.0	12.0	.023	2.0	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.051 (1.30)
894AT1003HCLF	100	8.0	7.1	10.6	.023	1.5	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.051 (1.30)
894AT1503HCLF	150	6.5	6.0	9.0	.035	1.0	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.045 (1.14)
894AT2503HCLF	250	5.0	4.6	6.8	.060	.8	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.040 (1.02)
894AT5003HCLF	500	3.4	3.1	4.6	.131	.6	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.032 (0.81)
894AT7503HCLF	750	3.0	2.7	4.0	.160	.4	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.032 (0.81)
894AT1004HCLF	1000	2.4	2.3	3.5	.235	.3	1.450 (36.83)	.850 (21.59)	1.200 (30.48)	.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.