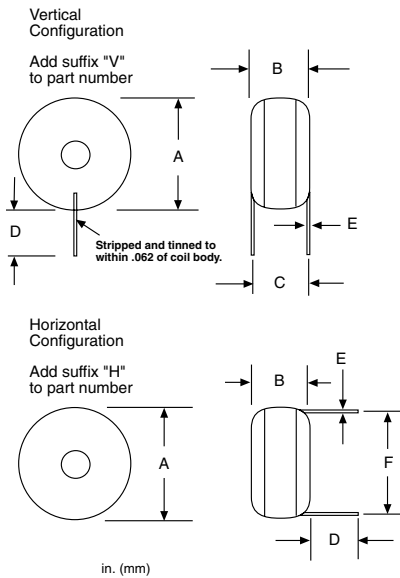


## ATLF ROHS Toroidal Power Inductors Chokes



PART NUMBER	L $\mu$ 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.	A DIM NOM.	B DIM NOM.	C DIM NOM.	D DIM NOM.	E DIM NOM.	F DIM NOM.
050AT3901LF†	3.9	9.50	8.50	12.0	.006	35.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.036 (0.91)	.600 (15.24)
050AT8201LF†	8.2	8.20	6.00	8.7	.008	35.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.036 (0.91)	.600 (15.24)
050AT1002LF	10	7.36	6.00	8.70	.010	35.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.036 (0.91)	.600 (15.24)
050AT1502LF	15	6.70	4.00	6.20	.012	30.0	.640 (16.26)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.036 (0.91)	.600 (15.24)
050AT2502LF	25	5.20	3.60	5.30	.020	10.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.032 (0.81)	.600 (15.24)
050AT5002LF	50	3.93	2.00	3.10	.035	7.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.028 (0.71)	.600 (15.24)
050AT7502LF	75	3.47	1.60	2.50	.045	5.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.025 (0.64)	.600 (15.24)
050AT1003LF	100	3.14	1.50	2.20	.055	4.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.025 (0.64)	.600 (15.24)
050AT1503LF	150	2.33	1.20	1.80	.100	2.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.020 (0.51)	.600 (15.24)
050AT2003LF	200	1.97	1.00	1.60	.140	1.7	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.018 (0.46)	.600 (15.24)
050AT2503LF	250	1.84	0.90	1.40	.160	1.5	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.018 (0.46)	.600 (15.24)
050AT3303LF	330	1.69	0.80	1.20	.190	1.0	.625 (15.88)	.300 (7.62)	.250 (6.35)	.500 (12.70)	.018 (0.46)	.600 (15.24)
121AT1002LF	10	8.27	9.0	14.0	.010	20.0	.820 (20.83)	.400 (10.16)	.320 (8.13)	.500 (12.70)	.040 (1.02)	.780 (19.81)
121AT2502LF	25	6.34	7.0	10.5	.017	8.0	.820 (20.83)	.400 (10.16)	.320 (8.13)	.500 (12.70)	.040 (1.02)	.780 (19.81)
121AT5002LF	50	4.77	3.9	6.0	.030	4.0	.820 (20.83)	.400 (10.16)	.320 (8.13)	.500 (12.70)	.036 (0.91)	.780 (19.81)
121AT7502LF	75	3.90	3.9	5.8	.045	3.0	.820 (20.83)	.400 (10.16)	.320 (8.13)	.500 (12.70)	.032 (0.81)	.780 (19.81)
121AT1003LF	100	3.24	3.4	5.2	.065	2.0	.820 (20.83)	.400 (10.16)	.320 (8.13)	.500 (12.70)	.028 (0.71)	.780 (19.81)
121AT1503LF	150	2.68	3.3	4.8	.095	1.5	.850 (21.59)	.400 (10.16)	.320 (8.13)	.500 (12.70)	.025 (0.64)	.780 (19.81)
121AT2503LF	250	2.07	2.2	3.2	.160	1.0	.850 (21.59)	.400 (10.16)	.320 (8.13)	.500 (12.70)	.023 (0.58)	.780 (19.81)
059AT1002LF	10	14.5	15.0	20.0	.008	20.0	1.100 (27.94)	.475 (12.07)	.370 (9.40)	.500 (12.70)	.051 (1.30)	1.050 (26.67)
059AT2502LF	25	9.8	11.0	16.0	.011	8.0	1.100 (27.94)	.475 (12.07)	.370 (9.40)	.500 (12.70)	.051 (1.30)	1.050 (26.67)
059AT5002LF	50	6.9	8.3	12.0	.022	4.0	1.100 (27.94)	.475 (12.07)	.370 (9.40)	.500 (12.70)	.045 (1.14)	1.050 (26.67)
059AT7502LF	75	5.9	6.7	9.1	.030	3.0	1.100 (27.94)	.475 (12.07)	.370 (9.40)	.500 (12.70)	.040 (1.02)	1.050 (26.67)
059AT1003LF	100	4.9	6.5	8.2	.044	2.0	1.100 (27.94)	.475 (12.07)	.370 (9.40)	.500 (12.70)	.036 (0.91)	1.050 (26.67)
059AT1503LF	150	4.5	4.2	6.0	.052	1.0	1.100 (27.94)	.475 (12.07)	.450 (11.43)	.500 (12.70)	.036 (0.91)	1.050 (26.67)
059AT2503LF	250	3.5	4.0	5.6	.088	1.0	1.150 (29.21)	.475 (12.07)	.450 (11.43)	.500 (12.70)	.032 (0.81)	1.050 (26.67)
059AT5003LF	500	2.6	2.7	3.8	.160	.8	1.150 (29.21)	.475 (12.07)	.450 (11.43)	.500 (12.70)	.028 (0.71)	1.050 (26.67)
059AT7503LF	750	2.1	1.8	2.7	.240	.6	1.150 (29.21)	.475 (12.07)	.450 (11.43)	.500 (12.70)	.025 (0.64)	1.050 (26.67)
894AT2502LF	25	12.8	13.5	20.0	.012	8.0	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.051 (1.30)	1.250 (31.75)
894AT5002LF	50	9.9	10.8	15.2	.016	4.0	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.051 (1.30)	1.250 (31.75)
894AT7502LF	75	8.0	8.0	12.0	.023	3.0	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.051 (1.30)	1.250 (31.75)
894AT1003LF	100	8.0	7.1	10.6	.023	2.0	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.051 (1.30)	1.250 (31.75)
894AT1503LF	150	6.5	6.0	9.0	.035	1.0	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.045 (1.14)	1.250 (31.75)
894AT2503LF	250	5.0	4.6	6.8	.060	1.0	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.040 (1.02)	1.250 (31.75)
894AT5003LF	500	3.4	3.1	4.6	.131	.8	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.032 (0.81)	1.250 (31.75)
894AT7503LF	750	3.0	2.7	4.0	.160	.6	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.032 (0.81)	1.250 (31.75)
894AT1004LF	1000	2.4	2.3	3.5	.235	.4	1.300 (33.02)	.650 (16.51)	.600 (15.24)	.750 (19.05)	.028 (0.71)	1.250 (31.75)



### 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.
- †  $\pm 15\%$  tolerance on these values.

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