

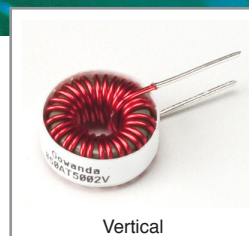
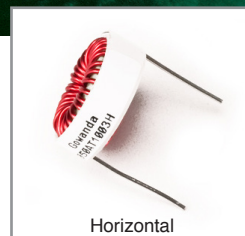
AT



ATLF*



Wirewound, Toroidal



PART NUMBER	L μ H @ 1kHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING A DC	INC I A DC Δ L 10%	INC I A DC Δ L 20%	DIMENSIONS					
							A NOM	B NOM	C NOM	D NOM	E NOM	F NOM
050AT1002*	10	35.0	0.010	7.36	6.00	8.70	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.036 (0.91)	0.600 (15.24)
050AT2502*	25	10.0	0.020	5.20	3.60	5.30	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.032 (0.81)	0.600 (15.24)
050AT5002*	50	7.0	0.035	3.93	2.00	3.10	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.028 (0.71)	0.600 (15.24)
050AT7502*	75	5.0	0.045	3.47	1.60	2.50	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.025 (0.64)	0.600 (15.24)
050AT1003*	100	4.0	0.055	3.14	1.50	2.20	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.025 (0.64)	0.600 (15.24)
050AT1503*	150	2.0	0.100	2.33	1.20	1.80	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.020 (0.51)	0.600 (15.24)
050AT2003*	200	1.7	0.140	1.97	1.00	1.60	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.018 (0.46)	0.600 (15.24)
050AT2503*	250	1.5	0.160	1.84	0.90	1.40	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.018 (0.46)	0.600 (15.24)
050AT3303*	330	1.0	0.190	1.69	0.80	1.20	0.625 (15.88)	0.300 (7.62)	0.250 (6.35)	0.500 (12.70)	0.018 (0.46)	0.600 (15.24)
121AT1002*	10	20.0	0.010	8.27	9.0	14.0	0.820 (20.83)	0.400 (10.16)	0.320 (8.13)	0.500 (12.70)	0.040 (1.02)	0.780 (19.81)
121AT2502*	25	8.0	0.017	6.34	7.0	10.5	0.820 (20.83)	0.400 (10.16)	0.320 (8.13)	0.500 (12.70)	0.040 (1.02)	0.780 (19.81)
121AT5002*	50	4.0	0.030	4.77	3.9	6.0	0.820 (20.83)	0.400 (10.16)	0.320 (8.13)	0.500 (12.70)	0.036 (0.91)	0.780 (19.81)
121AT7502*	75	3.0	0.045	3.90	3.9	5.8	0.820 (20.83)	0.400 (10.16)	0.320 (8.13)	0.500 (12.70)	0.032 (0.81)	0.780 (19.81)
121AT1003*	100	2.0	0.065	3.24	3.4	5.2	0.820 (20.83)	0.400 (10.16)	0.320 (8.13)	0.500 (12.70)	0.028 (0.71)	0.780 (19.81)
121AT1503*	150	1.5	0.095	2.68	3.3	4.8	0.850 (21.59)	0.400 (10.16)	0.320 (8.13)	0.500 (12.70)	0.025 (0.64)	0.780 (19.81)
121AT2503*	250	1.0	0.160	2.07	2.2	3.2	0.850 (21.59)	0.400 (10.16)	0.320 (8.13)	0.500 (12.70)	0.023 (0.58)	0.780 (19.81)
059AT1002*	10	20.0	0.008	14.5	15.0	20.0	1.100 (27.94)	0.475 (12.07)	0.370 (9.40)	0.500 (12.70)	0.051 (1.30)	1.050 (26.67)
059AT2502*	25	8.0	0.011	9.8	11.0	16.0	1.100 (27.94)	0.475 (12.07)	0.370 (9.40)	0.500 (12.70)	0.051 (1.30)	1.050 (26.67)
059AT5002*	50	4.0	0.022	6.9	8.3	12.0	1.100 (27.94)	0.475 (12.07)	0.370 (9.40)	0.500 (12.70)	0.045 (1.14)	1.050 (26.67)
059AT7502*	75	3.0	0.030	5.9	6.7	9.1	1.100 (27.94)	0.475 (12.07)	0.370 (9.40)	0.500 (12.70)	0.040 (1.02)	1.050 (26.67)
059AT1003*	100	2.0	0.044	4.9	6.5	8.2	1.100 (27.94)	0.475 (12.07)	0.370 (9.40)	0.500 (12.70)	0.036 (0.91)	1.050 (26.67)
059AT1503*	150	1.0	0.052	4.5	4.2	6.0	1.100 (27.94)	0.475 (12.07)	0.450 (11.43)	0.500 (12.70)	0.036 (0.91)	1.050 (26.67)
059AT2503*	250	1.0	0.088	3.5	4.0	5.6	1.150 (29.21)	0.475 (12.07)	0.450 (11.43)	0.500 (12.70)	0.032 (0.81)	1.050 (26.67)
059AT5003*	500	0.8	0.160	2.6	2.7	3.8	1.150 (29.21)	0.475 (12.07)	0.450 (11.43)	0.500 (12.70)	0.028 (0.71)	1.050 (26.67)
059AT7503*	750	0.6	0.240	2.1	1.8	2.7	1.150 (29.21)	0.475 (12.07)	0.450 (11.43)	0.500 (12.70)	0.025 (0.64)	1.050 (26.67)

All part numbers provide 10% tolerance on inductance

+ Substitute "V" for Vertical Mount or "H" for Horizontal Mount

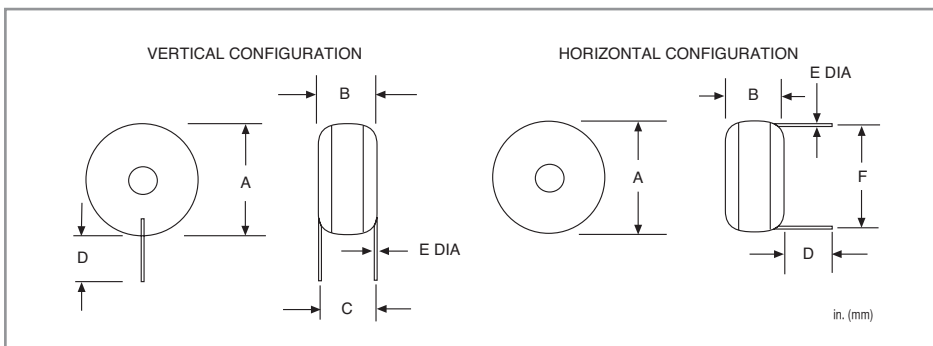
Custom designs are available to meet your specific requirements; please contact factory.

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***Add "LF" suffix for RoHS requirement. Example: 050AT1002HLF**

Gowanda designates a component RoHS-compliant by adding "LF" (lead free) to the part number.

These LF components meet the $\leq .1\%$ lead requirement and they are compatible with 260°C soldering processes.



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
- Excellent Electromagnetic Shielding
- Leads are stripped and tinned to within 0.062 in. of the coil body

PACKAGING SPECS:

Bulk only

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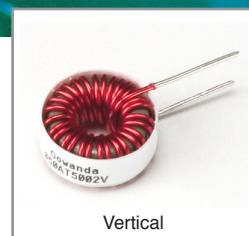
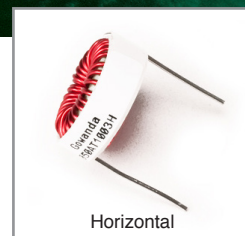
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PART NUMBER	L μ H @ 1kHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING A DC	INC I A DC Δ L 10%	INC I A DC Δ L 20%	DIMENSIONS					
							A NOM	B NOM	C NOM	D NOM	E NOM	F NOM
894AT2502*	25	8.0	0.012	12.8	13.5	20.0	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.051 (1.30)	1.250 (31.75)
894AT5002*	50	4.0	0.016	9.9	10.8	15.2	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.051 (1.30)	1.250 (31.75)
894AT7502*	75	3.0	0.023	8.0	8.0	12.0	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.051 (1.30)	1.250 (31.75)
894AT1003*	100	2.0	0.023	8.0	7.1	10.6	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.051 (1.30)	1.250 (31.75)
894AT1503*	150	1.0	0.035	6.5	6.0	9.0	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.045 (1.14)	1.250 (31.75)
894AT2503*	250	1.0	0.060	5.0	4.6	6.8	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.040 (1.02)	1.250 (31.75)
894AT5003*	500	0.8	0.131	3.4	3.1	4.6	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.032 (0.81)	1.250 (31.75)
894AT7503*	750	0.6	0.160	3.0	2.7	4.0	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.032 (0.81)	1.250 (31.75)
894AT1004*	1000	0.4	0.235	2.4	2.3	3.5	1.300 (33.02)	0.650 (16.51)	0.600 (15.24)	0.750 (19.05)	0.028 (0.71)	1.250 (31.75)
083AT1002V	10	26	0.0036	30	42	65	1.900 (48.26)	0.085 (21.60)	0.700 (17.80)	0.500 (12.70)	0.081 (2.06)	—
083AT2502V	25	13	0.0062	23	25	40	1.900 (48.26)	0.085 (21.60)	0.700 (17.80)	0.500 (12.70)	0.081 (2.06)	—
083AT5002V	50	6	0.0082	19	16	25	1.900 (48.26)	0.085 (21.60)	0.700 (17.80)	0.500 (12.70)	0.081 (2.06)	—
083AT7502V	75	5	0.0150	14	13	21	1.900 (48.26)	0.085 (21.60)	0.700 (17.80)	0.500 (12.70)	0.064 (1.60)	—
083AT1003V	100	4	0.0190	13	12	18	1.900 (48.26)	0.085 (21.60)	0.700 (17.80)	0.500 (12.70)	0.064 (1.60)	—

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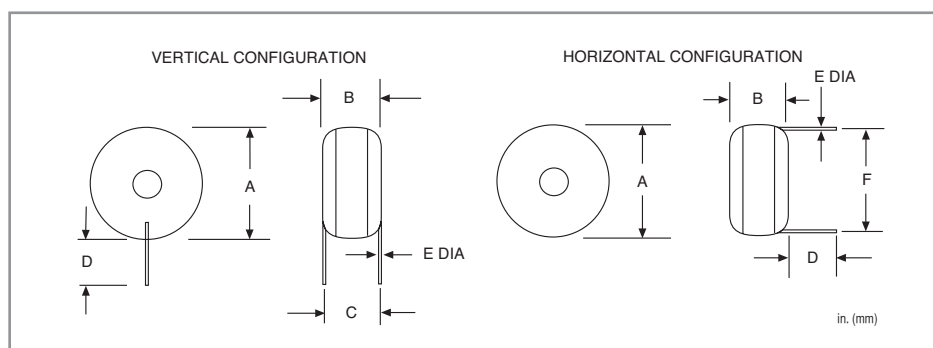
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