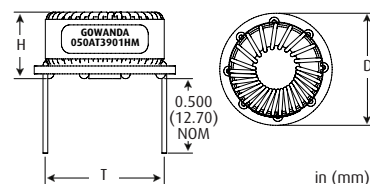


ATHM SERIES



Horizontal Mount Standoff 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 MAX	H DIM MAX	T DIM NOM	E DIM NOM
050AT3901HM†	3.9	0.006	35	9.50	8.50	12.00	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.036 (0.914)
050AT8201HM†	8.2	0.008	35	8.20	6.00	8.70	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.036 (0.914)
050AT1002HM	10	0.010	35	7.36	6.00	8.70	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.036 (0.914)
050AT1502HM	15	0.012	30	6.70	4.00	6.20	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.032 (0.813)
050AT2502HM	25	0.020	10	5.20	3.60	5.30	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.032 (0.813)
050AT5002HM	50	0.035	7.0	3.93	2.00	3.10	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.028 (0.711)
050AT7502HM	75	0.045	5.0	3.47	1.60	2.50	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.025 (0.635)
050AT1003HM	100	0.055	4.0	3.14	1.50	2.20	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.025 (0.635)
050AT1503HM	150	0.100	2.0	2.33	1.20	1.80	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.020 (0.508)
050AT2003HM	200	0.140	1.7	1.97	1.00	1.60	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.018 (0.457)
050AT2503HM	250	0.160	1.5	1.84	0.90	1.40	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.018 (0.457)
050AT3303HM	330	0.190	1.0	1.69	0.80	1.20	0.660 (16.76)	0.420 (10.67)	0.510 (12.95)	0.018 (0.457)
121AT1002HM	10	0.010	10	8.27	9.00	14	0.900 (22.86)	0.500 (12.70)	0.750 (19.05)	0.040 (1.106)
121AT2502HM	25	0.017	5.0	6.34	7.00	10.5	0.900 (22.86)	0.500 (12.70)	0.750 (19.05)	0.040 (1.106)
121AT5002HM	50	0.030	2.5	4.77	3.90	6.00	0.900 (22.86)	0.500 (12.70)	0.750 (19.05)	0.036 (0.914)
121AT7502HM	75	0.045	2.0	3.90	3.90	5.80	0.900 (22.86)	0.500 (12.70)	0.750 (19.05)	0.032 (0.813)
121AT1003HM	100	0.065	1.5	3.24	3.40	5.20	0.900 (22.86)	0.500 (12.70)	0.750 (19.05)	0.028 (0.711)
121AT1503HM	150	0.095	1.0	2.68	3.30	4.80	0.900 (22.86)	0.500 (12.70)	0.750 (19.05)	0.025 (0.635)
121AT2503HM	250	0.160	0.90	2.07	2.20	3.20	0.900 (22.86)	0.500 (12.70)	0.750 (19.05)	0.023 (0.584)

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 grams (050ATHM Series), 12 grams (121ATHM 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 _____ 050AT 1002 HM LF
Inductance: 3 signif. digits & mult. _____
 ex: 1002 = 10 μ H, 1003 = 100 μ H
Tolerance: † = 15%, 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