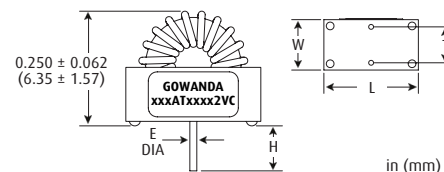


ATVC SERIES



Vertical Mount Encapsulated 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				
							L DIM NOM	W DIM NOM	H DIM MAX	T DIM NOM	E DIM NOM
050AT1002VC	10	0.010	35.0	7.36	6.0	8.7	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.036 (0.91)
050AT2502VC	25	0.020	10.0	5.20	3.6	5.3	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.032 (0.81)
050AT5002VC	50	0.035	4.0	3.93	2.0	3.1	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.028 (0.71)
050AT7502VC	75	0.045	3.5	3.47	1.6	2.5	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.025 (0.64)
050AT1003VC	100	0.055	2.5	3.14	1.5	2.2	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.025 (0.64)
050AT1503VC	150	0.100	1.5	2.33	1.2	1.8	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.020 (0.51)
050AT2003VC	200	0.140	1.3	1.97	1.0	1.6	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.018 (0.46)
050AT2503VC	250	0.160	1.0	1.84	0.90	1.4	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.018 (0.46)
050AT3303VC	330	0.190	0.80	1.69	0.80	1.2	0.750 (19.05)	0.400 (10.16)	0.775 (19.69)	0.025 (6.35)	0.018 (0.46)
121AT1002VC	10	0.010	20.0	8.27	9.0	14.0	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.040 (1.02)
121AT2502VC	25	0.017	6.5	6.34	7.0	10.5	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.040 (1.02)
121AT5002VC	50	0.030	3.5	4.77	3.9	6.0	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.036 (0.91)
121AT7502VC	75	0.045	2.5	3.90	3.9	5.8	0.800 (20.32)	0.500 (12.70)	0.950 (24.13)	0.350 (8.89)	0.032 (0.81)
121AT1003VC	100	0.065	2.0	3.24	3.4	5.2	0.800 (20.32)	0.500 (12.70)	0.975 (24.77)	0.350 (8.89)	0.028 (0.71)
121AT1503VC	150	0.095	1.5	2.68	3.3	4.8	0.800 (20.32)	0.500 (12.70)	0.975 (24.77)	0.350 (8.89)	0.025 (0.64)
121AT2503VC	250	0.160	1.0	2.07	2.2	3.2	0.800 (20.32)	0.500 (12.70)	0.975 (24.77)	0.350 (8.89)	0.023 (0.58)
059AT1002VC	10	0.008	10.0	14.5	15.0	20.0	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.051 (1.30)
059AT2502VC	25	0.011	8.0	9.8	11.0	16.0	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.051 (1.30)
059AT5002VC	50	0.022	3.5	6.9	8.3	12.0	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.045 (1.14)
059AT7502VC	75	0.030	2.5	5.9	6.7	9.1	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.040 (1.02)
059AT1003VC	100	0.044	2.0	4.9	6.5	8.2	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.036 (0.91)
059AT1503VC	150	0.052	1.0	4.5	4.2	6.0	1.210 (30.73)	0.685 (17.40)	1.175 (29.85)	0.400 (10.16)	0.036 (0.91)
059AT2503VC	250	0.088	0.90	3.5	4.0	5.6	1.210 (30.73)	0.685 (17.40)	1.250 (31.75)	0.400 (10.16)	0.032 (0.81)
059AT5003VC	500	0.160	0.70	2.6	2.7	3.8	1.210 (30.73)	0.685 (17.40)	1.250 (31.75)	0.400 (10.16)	0.028 (0.71)
059AT7503VC	750	0.240	0.50	2.1	1.8	2.7	1.210 (30.73)	0.685 (17.40)	1.250 (31.75)	0.400 (10.16)	0.025 (0.64)
894AT2502VC	25	0.012	8.0	12.8	13.5	20.0	1.450 (36.83)	0.825 (20.96)	1.40 (35.56)	0.600 (15.24)	0.051 (1.30)
894AT5002VC	50	0.016	4.0	9.9	10.8	15.2	1.450 (36.83)	0.825 (20.96)	1.40 (35.56)	0.600 (15.24)	0.051 (1.30)
894AT7502VC	75	0.023	2.5	8.0	8.0	12.0	1.450 (36.83)	0.825 (20.96)	1.40 (35.56)	0.600 (15.24)	0.051 (1.30)
894AT1003VC	100	0.023	2.0	8.0	7.1	10.6	1.450 (36.83)	0.825 (20.96)	1.40 (35.56)	0.600 (15.24)	0.051 (1.30)
894AT1503VC	150	0.035	1.0	6.5	6.0	9.0	1.450 (36.83)	0.825 (20.96)	1.40 (35.56)	0.600 (15.24)	0.045 (1.14)
894AT2503VC	250	0.060	0.90	5.0	4.6	6.8	1.450 (36.83)	0.825 (20.96)	1.40 (35.56)	0.600 (15.24)	0.040 (1.02)
894AT5003VC	500	0.131	0.70	3.4	3.1	4.6	1.450 (36.83)	0.825 (20.96)	1.475 (37.47)	0.600 (15.24)	0.032 (0.81)
894AT7503VC	750	0.160	0.60	3.0	2.7	4.0	1.450 (36.83)	0.825 (20.96)	1.475 (37.47)	0.600 (15.24)	0.032 (0.81)
894AT1004VC	1000	0.235	0.40	2.4	2.3	3.5	1.450 (36.83)	0.825 (20.96)	1.475 (37.47)	0.600 (15.24)	0.028 (0.71)

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:** 6.2 grams (050ATVC Series), 12 grams (121ATVC Series), 28 grams (059ATVC Series), 58 grams (894ATVC 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 VC LF**

Inductance: 3 signif. digits & mult. —

ex: 1002 = 10 μ H, 1003 = 100 μ H, 1004 = 1000 μ H

Tolerance: 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