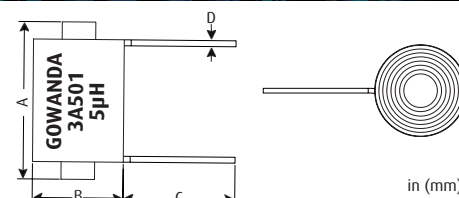


A SERIES



Wirewound High Current Power Choke



PART NUMBER	L μ H @ 1 kHz	DCR Ω MAX	SRF MHz NOM	CURRENT RATING A DC	DIMENSIONS			
					A DIM MAX	B DIM MAX	C DIM +0.062	D DIM +0.005
SERIES 3A								
3A501	5	0.015	40	3	0.875 (22.23)	0.625 (15.88)	0.500 (12.70)	0.042 (1.07)
3A102	10	0.018	25	3	1.125 (28.58)	0.625 (15.88)	0.687 (17.45)	0.042 (1.07)
3A272	27	0.035	7	3	0.875 (22.23)	0.812 (20.62)	0.437 (11.10)	0.042 (1.07)
3A502	50	0.050	5	3	1.125 (28.58)	0.812 (20.62)	0.750 (19.05)	0.042 (1.07)
3A103	100	0.065	2.5	3	1.125 (28.58)	0.812 (20.62)	0.937 (23.80)	0.042 (1.07)
3A153	150	0.075	2.0	3	1.375 (34.93)	0.812 (20.62)	1.062 (26.97)	0.042 (1.07)
3A253	250	0.090	1.0	3	1.625 (41.28)	0.812 (20.62)	1.312 (33.32)	0.042 (1.07)
SERIES 5A								
5A501	5	0.012	30	5	0.875 (22.23)	0.640 (16.26)	0.750 (19.05)	0.053 (1.35)
5A103	10	0.018	25	5	1.125 (28.58)	0.640 (16.26)	1.000 (25.40)	0.053 (1.35)
5A272	27	0.025	7	5	0.875 (22.23)	0.875 (22.23)	0.562 (14.27)	0.053 (1.35)
5A502	50	0.030	4	5	1.125 (28.58)	0.875 (22.23)	0.750 (19.05)	0.053 (1.35)
5A682	68	0.035	3.5	5	1.125 (28.58)	0.875 (22.23)	0.875 (22.23)	0.053 (1.35)
5A103	100	0.050	2.5	5	1.375 (34.93)	0.875 (22.23)	1.000 (25.40)	0.053 (1.35)
5A153	150	0.060	2.0	5	1.625 (41.28)	0.875 (22.23)	1.250 (31.75)	0.053 (1.35)
SERIES 10A								
10A501	5	0.010	30	10	1.125 (28.58)	0.687 (17.45)	0.812 (20.62)	0.065 (1.65)
10A102	10	0.015	20	10	1.375 (34.93)	0.687 (17.45)	1.218 (30.94)	0.065 (1.65)
10A272	27	0.018	7	10	1.125 (28.58)	0.937 (23.80)	0.687 (17.45)	0.065 (1.65)
10A502	50	0.025	4	10	1.375 (34.93)	0.937 (23.80)	0.937 (23.80)	0.065 (1.65)
10A682	68	0.027	3.5	10	1.375 (34.93)	0.937 (23.80)	1.125 (28.58)	0.065 (1.65)
10A103	100	0.030	2.5	10	1.625 (41.28)	0.937 (23.80)	1.312 (33.32)	0.065 (1.65)
SERIES 15A								
15A501	5	0.004	30	15	1.375 (34.93)	0.735 (18.42)	0.937 (23.80)	0.082 (2.08)
15A102	10	0.010	20	15	1.687 (42.85)	0.735 (18.42)	1.500 (38.10)	0.082 (2.08)
15A272	27	0.015	7	15	1.375 (34.93)	1.000 (25.40)	0.937 (23.80)	0.082 (2.08)
15A502	50	0.020	4	15	1.625 (41.28)	1.000 (25.40)	1.125 (28.58)	0.082 (2.08)

NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Core Material:** Ferrite
- **Weight Max:** 53 grams (3A Series), 38 grams (5A Series), 55 grams (10A Series), 55 grams (15A Series)
- **Marking:** Gowanda; Part Number (see diagram above)
- **Body Color:** black
- Inductance measured with zero DC current
- Leads tinned to within 0.062" of the body
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

GEC Series 3A 501 LF
Inductance: 2 signif. digits & mult.
 ex: 102 = 10 μ H, 103 = 100 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