



GA10

GA10LF*

Wirewound, High Current

PART NUMBER	L μ H @ 1kHz NOM	SRF MHz MIN	DCR OHMS MAX	SATURATION CURRENT A DC	CURRENT RATING A DC
FERRITE CORE					
GA10-101K	1.0	155	0.009	7.3	5.558
GA10-121K	1.2	148	0.010	6.3	5.272
GA10-151K	1.5	128	0.011	5.6	5.027
GA10-181K	1.8	120	0.012	5.3	4.813
GA10-221K	2.2	108	0.013	4.8	4.624
GA10-271K	2.7	100	0.014	4.2	4.456
GA10-331K	3.3	96	0.016	4.1	4.168
GA10-391K	3.9	90	0.017	3.6	4.044
GA10-471K	4.7	85	0.022	3.4	3.555
GA10-561K	5.6	76	0.024	3.2	3.403
GA10-681K	6.8	70	0.026	2.7	3.270
GA10-821K	8.2	51	0.028	2.5	3.151
GA10-102K	10	35	0.035	2.4	2.818
GA10-122K	12	21	0.038	2.0	2.705
GA10-152K	15	14	0.043	1.9	2.543
GA10-182K	18	10	0.047	1.6	2.432
GA10-222K	22	8.0	0.052	1.5	2.312
GA10-272K	27	6.5	0.058	1.4	2.189
GA10-332K	33	6.1	0.066	1.2	2.052
GA10-392K	39	5.7	0.070	1.2	1.993
GA10-472K	47	5.1	0.085	1.1	1.808
GA10-562K	56	4.3	0.110	1.0	1.590
GA10-682K	68	3.6	0.123	0.90	1.503
GA10-822K	82	3.2	0.167	0.76	1.290
GA10-103K	100	3.0	0.223	0.70	1.116

Suffix "K" for 10% tolerance

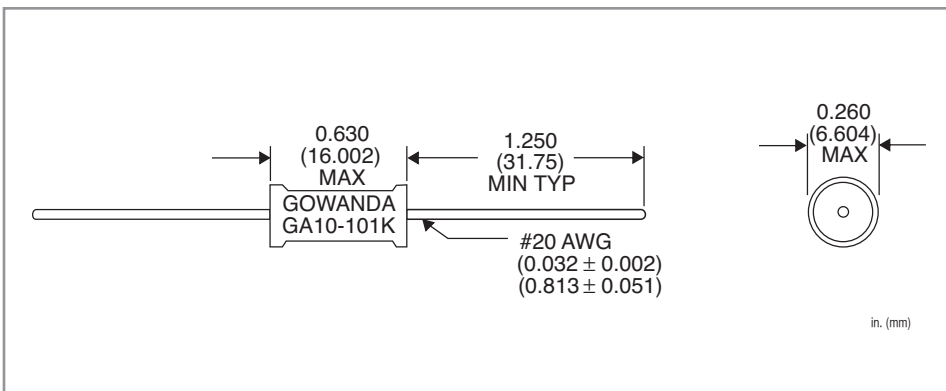
Custom designs are available to meet your specific requirements; please contact factory

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***Add "LF" suffix for RoHS requirement. Example: GA10-101KLF**

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 +125°C
- Current Rating is based on a 35°C temperature rise at an ambient temperature of 90°C
- Saturation current is the approximate value that will reduce the initial inductance by 5%
- Parts are printed

TAPE AND REEL SPECS:

Pcs./Reel maximum:	1000
Pitch between parts:	0.400 in.
Inside tape spacing:	2.062 in.
Reel diameter:	12 in.
Class:	1

continued from previous page

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High Current Power Inductors



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FERRITE CORE					
GA10-123K	120	2.7	0.300	0.620	0.963
GA10-153K	150	2.1	0.330	0.580	0.918
GA10-183K	180	1.7	0.460	0.520	0.777
GA10-223K	220	1.6	0.530	0.470	0.724
GA10-273K	270	1.5	0.610	0.430	0.675
GA10-333K	330	1.4	0.680	0.380	0.639
GA10-393K	390	1.3	0.760	0.370	0.605
GA10-473K	470	1.2	0.990	0.320	0.530
GA10-563K	560	1.1	1.14	0.310	0.494
GA10-683K	680	1.0	1.50	0.280	0.430
GA10-823K	820	0.960	1.70	0.260	0.404
GA10-104K	1000	0.880	1.90	0.240	0.382
GA10-124K	1200	0.780	2.20	0.210	0.355
GA10-154K	1500	0.640	2.90	0.185	0.310
GA10-184K	1800	0.600	3.20	0.185	0.295
GA10-224K	2200	0.540	4.50	0.165	0.249
GA10-274K	2700	0.440	6.10	0.150	0.213
GA10-334K	3300	0.430	6.80	0.125	0.202
GA10-394K	3900	0.400	7.50	0.125	0.193
GA10-474K	4700	0.380	10.30	0.115	0.164
GA10-564K	5600	0.350	11.40	0.094	0.156
GA10-684K	6800	0.290	15.00	0.084	0.136
GA10-824K	8200	0.260	17.00	0.080	0.128
GA10-105K	10000	0.240	20.00	0.072	0.118
GA10-106K	100000	0.074	210.00	0.023	0.036

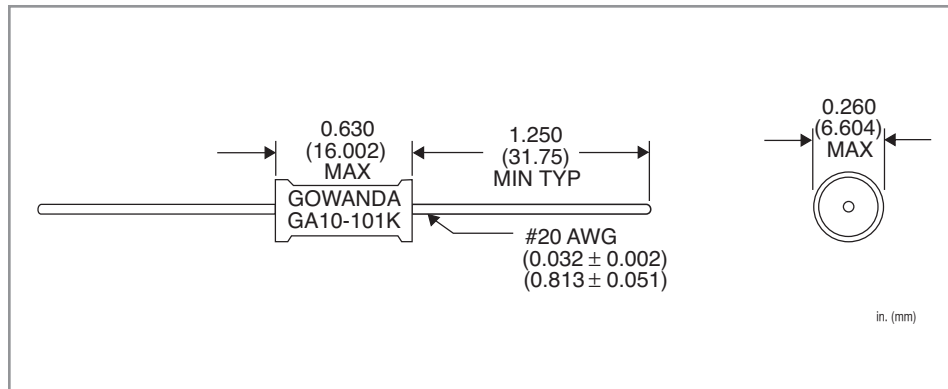
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