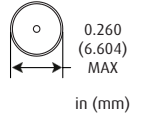
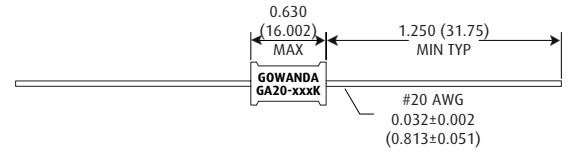


GA20 SERIES



High Current Power Choke

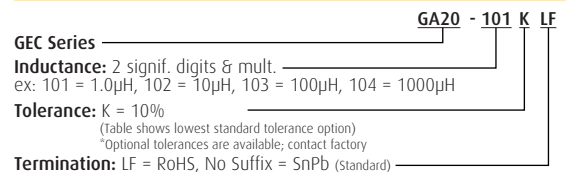


| PART NUMBER | L μ H @ 1 kHz NOM | DCR Ω MAX | I SAT A DC | CURRENT RATING A DC |
|---------------------|-----------------------|------------------|------------|---------------------|
| FERRITE CORE | | | | |
| GA20-101K | 1.0 | 0.009 | 12 | 5.558 |
| GA20-121K | 1.2 | 0.010 | 11 | 5.272 |
| GA20-151K | 1.5 | 0.011 | 10.6 | 5.027 |
| GA20-181K | 1.8 | 0.012 | 10 | 4.813 |
| GA20-221K | 2.2 | 0.013 | 9.5 | 4.624 |
| GA20-271K | 2.7 | 0.014 | 9.2 | 4.456 |
| GA20-331K | 3.3 | 0.016 | 7.5 | 4.168 |
| GA20-391K | 3.9 | 0.017 | 7.4 | 4.044 |
| GA20-471K | 4.7 | 0.022 | 7.0 | 3.555 |
| GA20-561K | 5.6 | 0.024 | 6.5 | 3.403 |
| GA20-681K | 6.8 | 0.026 | 6.1 | 3.270 |
| GA20-821K | 8.2 | 0.028 | 5.6 | 3.151 |
| GA20-102K | 10 | 0.033 | 4.1 | 2.902 |
| GA20-122K | 12 | 0.037 | 3.6 | 2.741 |
| GA20-152K | 15 | 0.040 | 3.3 | 2.636 |
| GA20-182K | 18 | 0.044 | 3.0 | 2.514 |
| GA20-222K | 22 | 0.050 | 2.7 | 2.358 |
| GA20-272K | 27 | 0.058 | 2.5 | 2.190 |
| GA20-332K | 33 | 0.075 | 2.2 | 1.925 |
| GA20-392K | 39 | 0.094 | 2.0 | 1.720 |
| GA20-472K | 47 | 0.109 | 1.8 | 1.597 |
| GA20-562K | 56 | 0.140 | 1.7 | 1.409 |
| GA20-682K | 68 | 0.145 | 1.5 | 1.385 |
| GA20-822K | 82 | 0.152 | 1.4 | 1.352 |
| GA20-103K | 100 | 0.208 | 1.2 | 1.156 |
| GA20-123K | 120 | 0.283 | 1.1 | 0.991 |
| GA20-153K | 150 | 0.340 | 1.0 | 0.904 |
| GA20-183K | 180 | 0.362 | 0.950 | 0.876 |
| GA20-223K | 220 | 0.430 | 0.860 | 0.804 |
| GA20-273K | 270 | 0.557 | 0.770 | 0.706 |
| GA20-333K | 330 | 0.665 | 0.700 | 0.647 |
| GA20-393K | 390 | 0.772 | 0.640 | 0.600 |
| GA20-473K | 470 | 1.15 | 0.590 | 0.491 |
| GA20-563K | 560 | 1.27 | 0.540 | 0.468 |
| GA20-683K | 680 | 1.61 | 0.490 | 0.416 |
| GA20-823K | 820 | 1.96 | 0.440 | 0.377 |
| GA20-104K | 1000 | 2.30 | 0.400 | 0.348 |
| GA20-124K | 1200 | 2.65 | 0.350 | 0.324 |
| GA20-154K | 1500 | 3.45 | 0.330 | 0.284 |
| GA20-184K | 1800 | 4.03 | 0.290 | 0.263 |
| GA20-224K | 2200 | 4.48 | 0.270 | 0.249 |
| GA20-274K | 2700 | 5.90 | 0.240 | 0.217 |
| GA20-334K | 3300 | 6.56 | 0.220 | 0.206 |
| GA20-394K | 3900 | 8.65 | 0.200 | 0.179 |
| GA20-474K | 4700 | 10.5 | 0.180 | 0.163 |
| GA20-564K | 5600 | 13.9 | 0.166 | 0.141 |
| GA20-684K | 6800 | 16.3 | 0.151 | 0.131 |
| GA20-824K | 8200 | 20.8 | 0.138 | 0.116 |
| GA20-105K | 10000 | 26.4 | 0.125 | 0.103 |

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 cause a 5% drop in inductance as indicated in the table
- **Weight MAX:** 2.0 grams
- **Marking:** GOWANDA; GA20-XXXX (see diagram above)
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION



TAPE AND REEL SPECS

| | |
|----------------------|-----------|
| Pieces/reel maximum: | 1000 |
| Pitch between parts: | 0.400 in. |
| Tape width: | 2.062 in. |
| Reel diameter: | 12 in. |
| Class: | 1 |