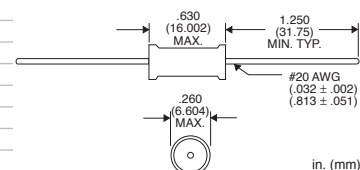


GA10 High Current Power Inductors

GOWANDA
GA10104K

| PART NUMBER | NOMINAL INDUCTANCE ±10% @ 1kHz | MAXIMUM DCR OHMS | MINIMUM SRF MHz | SATURATION* CURRENT ADC | CURRENT** RATING ADC |
|-------------|-----------------------------------|---------------------|--------------------|-------------------------------|----------------------------|
| GA10-101K | 1.0 µH | .009 | 155 | 7.300 | 5.558 |
| GA10-121K | 1.2 µH | .010 | 148 | 6.300 | 5.272 |
| GA10-151K | 1.5 µH | .011 | 128 | 5.600 | 5.027 |
| GA10-181K | 1.8 µH | .012 | 120 | 5.300 | 4.813 |
| GA10-221K | 2.2 µH | .013 | 108 | 4.800 | 4.624 |
| GA10-271K | 2.7 µH | .014 | 100 | 4.200 | 4.456 |
| GA10-331K | 3.3 µH | .016 | 96 | 4.100 | 4.168 |
| GA10-391K | 3.9 µH | .017 | 90 | 3.600 | 4.044 |
| GA10-471K | 4.7 µH | .022 | 85 | 3.400 | 3.555 |
| GA10-561K | 5.6 µH | .024 | 76 | 3.200 | 3.403 |
| GA10-681K | 6.8 µH | .026 | 70 | 2.700 | 3.270 |
| GA10-821K | 8.2 µH | .028 | 51 | 2.500 | 3.151 |
| GA10-102K | 10 µH | .035 | 35 | 2.400 | 2.818 |
| GA10-122K | 12 µH | .038 | 21 | 2.000 | 2.705 |
| GA10-152K | 15 µH | .043 | 14 | 1.900 | 2.543 |
| GA10-182K | 18 µH | .047 | 10 | 1.600 | 2.432 |
| GA10-222K | 22 µH | .052 | 8.0 | 1.500 | 2.312 |
| GA10-272K | 27 µH | .058 | 6.5 | 1.400 | 2.189 |
| GA10-332K | 33 µH | .066 | 6.1 | 1.200 | 2.052 |
| GA10-392K | 39 µH | .070 | 5.7 | 1.200 | 1.993 |
| GA10-472K | 47 µH | .085 | 5.1 | 1.100 | 1.808 |
| GA10-562K | 56 µH | .110 | 4.3 | 1.000 | 1.590 |
| GA10-682K | 68 µH | .123 | 3.6 | .900 | 1.503 |
| GA10-822K | 82 µH | .167 | 3.2 | .760 | 1.290 |
| GA10-103K | 100 µH | .223 | 3.0 | .700 | 1.116 |
| GA10-123K | 120 µH | .300 | 2.7 | .620 | .963 |
| GA10-153K | 150 µH | .330 | 2.1 | .580 | .918 |
| GA10-183K | 180 µH | .460 | 1.7 | .520 | .777 |
| GA10-223K | 220 µH | .530 | 1.6 | .470 | .724 |
| GA10-273K | 270 µH | .610 | 1.5 | .430 | .675 |
| GA10-333K | 330 µH | .680 | 1.4 | .380 | .639 |
| GA10-393K | 390 µH | .760 | 1.3 | .370 | .605 |
| GA10-473K | 470 µH | .990 | 1.2 | .320 | .530 |
| GA10-563K | 560 µH | 1.14 | 1.1 | .310 | .494 |
| GA10-683K | 680 µH | 1.50 | 1.0 | .280 | .430 |
| GA10-823K | 820 µH | 1.70 | .960 | .260 | .404 |
| GA10-104K | 1.0 mH | 1.90 | .880 | .240 | .382 |
| GA10-124K | 1.2 mH | 2.20 | .780 | .210 | .355 |
| GA10-154K | 1.5 mH | 2.90 | .640 | .185 | .310 |
| GA10-184K | 1.8 mH | 3.20 | .600 | .185 | .295 |
| GA10-224K | 2.2 mH | 4.50 | .540 | .165 | .249 |
| GA10-274K | 2.7 mH | 6.10 | .440 | .150 | .213 |
| GA10-334K | 3.3 mH | 6.80 | .430 | .125 | .202 |
| GA10-394K | 3.9 mH | 7.50 | .400 | .125 | .193 |
| GA10-474K | 4.7 mH | 10.3 | .380 | .115 | .164 |
| GA10-564K | 5.6 mH | 11.4 | .350 | .094 | .156 |
| GA10-684K | 6.8 mH | 15.0 | .290 | .084 | .136 |
| GA10-824K | 8.2 mH | 17.0 | .260 | .080 | .128 |
| GA10-105K | 10.0 mH | 20.0 | .240 | .072 | .118 |
| GA10-106K | 100 mH | 210.0 | .074 | .023 | .036 |



NOTES:

- Operating temperature -55°C to +125°C
- Parts are printed
- *Saturation current is the approximate value that will reduce the initial inductance by 5%
- **Rated current is based on a 35°C temperature rise at an ambient temperature of 90°C.

TAPE AND REEL SPECS:

| | |
|------------------------|--------------|
| Pcs./12" Reel maximum: | 1000 |
| Pitch between parts: | .400 inches |
| Inside tape spacing: | 2.062 inches |
| Class: | 1 |