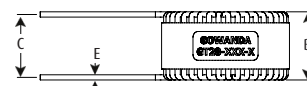
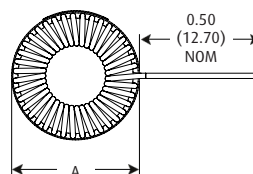


### GT20 SERIES

Vertical Mount Toroidal Choke



in (mm)

| PART NUMBER   | L $\mu$ H @ 1 kHz<br>$\pm 20\%$ | DCR $\Omega$<br>NOM | INC I A DC<br>$\Delta L$ 10 - 20% | INC I A DC<br>$\Delta L$ 20 - 40% | E<br>AWG | A<br>MAX      | B<br>MAX      | C<br>REF      |
|---------------|---------------------------------|---------------------|-----------------------------------|-----------------------------------|----------|---------------|---------------|---------------|
| POWDERED IRON |                                 |                     |                                   |                                   |          |               |               |               |
| GT20-102-3    | 10                              | 0.012               | 3.0                               | 6.0                               | 20       | 0.650 (16.51) | 0.370 (9.40)  | 0.320 (8.13)  |
| GT20-102-5    | 10                              | 0.008               | 5.0                               | 10.0                              | 18       | 0.850 (21.59) | 0.520 (13.21) | 0.450 (11.43) |
| GT20-202-1    | 20                              | 0.062               | 1.0                               | 2.0                               | 28       | 0.350 (8.89)  | 0.250 (6.35)  | 0.220 (5.59)  |
| GT20-202-2    | 20                              | 0.029               | 2.0                               | 4.0                               | 24       | 0.500 (12.70) | 0.300 (7.62)  | 0.240 (6.10)  |
| GT20-202-5    | 20                              | 0.020               | 5.0                               | 10.0                              | 20       | 0.940 (23.88) | 0.640 (16.26) | 0.570 (14.48) |
| GT20-502-1    | 50                              | 0.061               | 1.0                               | 2.0                               | 24       | 0.600 (15.24) | 0.340 (8.64)  | 0.300 (7.62)  |
| GT20-502-2    | 50                              | 0.025               | 2.0                               | 4.0                               | 20       | 0.850 (21.59) | 0.500 (12.70) | 0.450 (11.43) |
| GT20-502-5    | 50                              | 0.021               | 5.0                               | 10.0                              | 18       | 1.250 (31.75) | 0.750 (19.05) | 0.675 (17.15) |
| GT20-502-7    | 50                              | 0.013               | 7.0                               | 14.0                              | 16       | 1.500 (38.10) | 0.650 (16.51) | 0.575 (14.61) |
| GT20-502-10   | 50                              | 0.016               | 10.0                              | 16.0                              | 16       | 1.800 (45.72) | 0.775 (19.69) | 0.700 (17.78) |
| GT20-103-1    | 100                             | 0.085               | 1.0                               | 2.0                               | 24       | 0.620 (15.75) | 0.475 (12.07) | 0.425 (10.80) |
| GT20-103-2    | 100                             | 0.040               | 2.0                               | 4.0                               | 20       | 0.950 (24.13) | 0.640 (16.26) | 0.600 (15.24) |
| GT20-103-5    | 100                             | 0.028               | 5.0                               | 10.0                              | 18       | 1.500 (38.10) | 0.625 (15.88) | 0.575 (14.61) |
| GT20-153-5    | 150                             | 0.042               | 5.0                               | 10.0                              | 18       | 1.750 (44.45) | 0.750 (19.05) | 0.680 (17.27) |
| GT20-253-1    | 250                             | 0.168               | 1.0                               | 2.0                               | 25       | 0.800 (20.32) | 0.475 (12.07) | 0.450 (11.43) |
| GT20-253-2    | 250                             | 0.070               | 2.0                               | 4.0                               | 20       | 1.250 (31.75) | 0.725 (18.42) | 0.675 (17.15) |
| GT20-503-1    | 500                             | 0.276               | 1.0                               | 2.0                               | 25       | 0.925 (23.50) | 0.600 (15.24) | 0.570 (14.48) |
| GT20-503-2    | 500                             | 0.147               | 2.0                               | 4.0                               | 22       | 1.450 (36.83) | 0.575 (14.61) | 0.550 (13.97) |

### NOTES

- **Operating Temperature Range:**  
-55°C to +125°C
- **Weight Max:** 22.79 grams
- **Marking:** GOWANDA; GT20-XXX-X (dash number) (see diagram above)
- Leads stripped and tinned to within 0.062 in. of coil
- Custom designs are available to meet your specific requirements; please contact factory

### PART NUMBER DERIVATION

GEC Series GT20 - 102-3 LF  
 Dash Number: (Note these are sequential and do not indicate inductance)  
 Termination: LF = RoHS, No Suffix = SnPb (standard)

### TAPE AND REEL SPECS:

Bulk Only