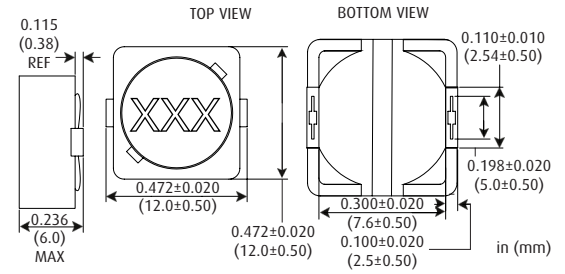


GP3125 SERIES 

Shielded Power Choke

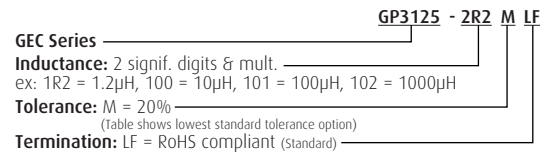


| PART NUMBER | L μH | TEST FREQ kHz | DCR Ω MAX | CURRENT RATING A DC MAX |
|--------------------------------------|---------|------------------|-----------------|----------------------------|
| FERRITE CORE / FERRITE SLEEVE | | | | |
| GP3125-2R2MLF | 2.2 | 100 | 0.020 | 7.0 |
| GP3125-3R3MLF | 3.3 | 100 | 0.030 | 5.5 |
| GP3125-4R7MLF | 4.7 | 100 | 0.040 | 5.0 |
| GP3125-6R8MLF | 6.8 | 100 | 0.050 | 4.5 |
| GP3125-100MLF | 10 | 100 | 0.055 | 4.0 |
| GP3125-120MLF | 12 | 1 | 0.060 | 3.5 |
| GP3125-150MLF | 15 | 1 | 0.065 | 3.3 |
| GP3125-180MLF | 18 | 1 | 0.070 | 3.0 |
| GP3125-220MLF | 22 | 1 | 0.075 | 2.8 |
| GP3125-270MLF | 27 | 1 | 0.085 | 2.3 |
| GP3125-330MLF | 33 | 1 | 0.095 | 2.1 |
| GP3125-390MLF | 39 | 1 | 0.105 | 2.0 |
| GP3125-470MLF | 47 | 1 | 0.115 | 1.8 |
| GP3125-560MLF | 56 | 1 | 0.135 | 1.6 |
| GP3125-680MLF | 68 | 1 | 0.170 | 1.5 |
| GP3125-820MLF | 82 | 1 | 0.190 | 1.4 |
| GP3125-101MLF | 100 | 1 | 0.210 | 1.3 |
| GP3125-121MLF | 120 | 1 | 0.250 | 1.1 |
| GP3125-151MLF | 150 | 1 | 0.300 | 1.0 |
| GP3125-181MLF | 180 | 1 | 0.350 | 0.90 |
| GP3125-221MLF | 220 | 1 | 0.420 | 0.80 |
| GP3125-271MLF | 270 | 1 | 0.510 | 0.75 |
| GP3125-331MLF | 330 | 1 | 0.600 | 0.70 |
| GP3125-391MLF | 390 | 1 | 0.750 | 0.65 |
| GP3125-471MLF | 470 | 1 | 0.820 | 0.60 |
| GP3125-561MLF | 560 | 1 | 1.00 | 0.55 |
| GP3125-681MLF | 680 | 1 | 1.30 | 0.50 |
| GP3125-821MLF | 820 | 1 | 1.65 | 0.45 |
| GP3125-102MLF | 1000 | 1 | 2.00 | 0.40 |

NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 40°C maximum temperature rise, 10% maximum decrease in inductance, at an ambient temperature of 25°C
- **Weight Max:** 0.85 grams
- **Marking:** XXX (dash number) (see diagram above)
- Terminals are solderable - more than 95% new solder coverage when subjected to soldering temperature
- **Application Frequency Range:**
To 1.0 MHz MIN (for L values 1.2μH - 10μH)
To 300 kHz MIN (for L values >10μH)
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION



TAPE AND REEL SPECS:

| | |
|----------------------|--------|
| Pieces/reel maximum: | 500 |
| Pitch between parts: | 16 mm |
| Tape width: | 24 mm |
| Reel diameter: | 13 in. |