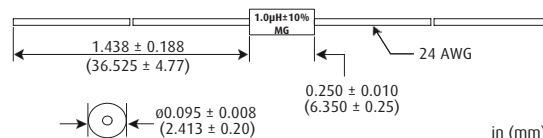


10MG SERIES



Molded Non-Magnetic Inductor



PART NUMBER	L µH	Q MIN	L&Q TEST FREQ MHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC
NON-MAGNETIC COIL FORM						
10MG100K	0.10	40	25	680	0.08	1350
10MG120K	0.12	40	25	640	0.09	1270
10MG150K	0.15	38	25	600	0.10	1200
10MG180K	0.18	35	25	550	0.12	1105
10MG220K	0.22	33	25	510	0.14	1025
10MG270K	0.27	33	25	430	0.16	960
10MG330K	0.33	30	25	410	0.22	815
10MG390K	0.39	30	25	365	0.30	700
10MG470K	0.47	30	25	330	0.35	650
10MG560K	0.56	30	25	300	0.50	545
10MG680K	0.68	28	25	275	0.60	495
10MG820K	0.82	28	25	250	0.85	415
10MG101K	1.00	25	25	230	1.00	385

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
- **Relative Permeability:** ≤1.00003
- **Weight MAX:** 0.30 grams
- **Marking:** Inductance with units and tolerance; MG (see diagram above)
- Medical Grade
- Used in imaging equipment where non-magnetic inductors are required
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

GEC Series **10MG 100 K LF**

Inductance: 2 signif. digits & mult.
 ex: 100 = 0.10µH, 101 = 1.0µH

Tolerance: M = 20%, K = 10%
 (Table shows lowest standard tolerance option)
 *Optional tolerances are available; contact factory

Termination: LF = RoHS, No Suffix = SnPb (Standard)

TAPE AND REEL SPECS:

Pieces/reel maximum: 3500

Pitch between parts: 0.200 in.

Tape width: 2.062 in.

Reel diameter: 12 in.

Class: 1