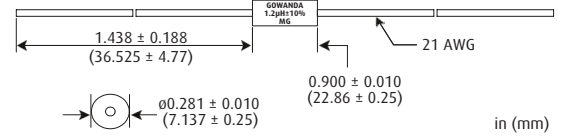


**28MG SERIES**



Molded Non-Magnetic Inductor

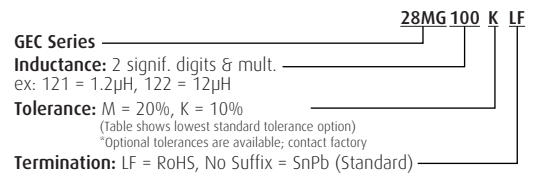


PART NUMBER	L μH	Q MIN	L&Q TEST FREQ MHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC
<b>NON-MAGNETIC COIL FORM</b>						
28MG121K	1.2	60	7.9	170	0.079	2400
28MG151K	1.5	60	7.9	160	0.090	2150
28MG181K	1.8	60	7.9	140	0.135	1750
28MG221K	2.2	60	7.9	125	0.160	1600
28MG271K	2.7	60	7.9	115	0.220	1350
28MG331K	3.3	60	7.9	100	0.305	1150
28MG391K	3.9	60	7.9	95	0.450	955
28MG471K	4.7	60	7.9	90	0.560	860
28MG561K	5.6	60	7.9	80	0.745	745
28MG681K	6.8	60	7.9	75	1.05	635
28MG821K	8.2	60	7.9	68	1.40	550
28MG102K	10	60	7.9	60	1.90	460
28MG122K	12	40	2.5	53	2.65	395
28MG152K	15	40	2.5	50	3.25	355
28MG182K	18	40	2.5	45	4.15	315

**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:** 2.65 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**



**TAPE AND REEL SPECS:**

Pieces/reel maximum:	1000
Pitch between parts:	0.400 in.
Tape width:	2.500 in.
Reel diameter:	12 in.
Class:	2