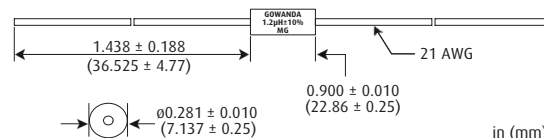


28MG SERIES



Molded Non-Magnetic Inductor

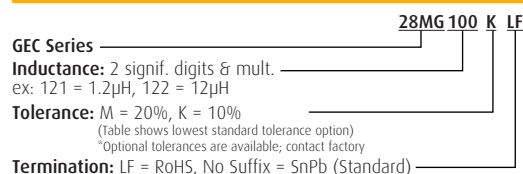


PART NUMBER	L μH	Q MIN	L&Q TEST FREQ MHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC
NON-MAGNETIC COIL FORM						
28MG101K	1.0	60	7.9	180	0.065	2550
28MG121K	1.2	60	7.9	170	0.075	2400
28MG151K	1.5	60	7.9	160	0.090	2190
28MG181K	1.8	60	7.9	140	0.135	1790
28MG221K	2.2	60	7.9	125	0.160	1640
28MG271K	2.7	60	7.9	115	0.220	1400
28MG331K	3.3	60	7.9	100	0.305	1190
28MG391K	3.9	60	7.9	95	0.450	980
28MG471K	4.7	60	7.9	90	0.560	880
28MG561K	5.6	60	7.9	80	0.745	760
28MG681K	6.8	60	7.9	75	1.05	640
28MG821K	8.2	60	7.9	68	1.40	555
28MG102K	10	60	7.9	60	1.90	475
28MG122K	12	40	2.5	53	2.65	405
28MG152K	15	40	2.5	50	3.25	365
28MG182K	18	40	2.5	45	4.15	320
28MG222K	22	40	2.5	38	6.15	210

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