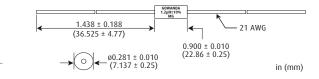
RF INDUCTOR



E

Molded Non-Magnetic Inductor

GOWAr



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							
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)
 Madical Grade
- 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

<u>28MG 100 K LF</u>
GEC Series
Inductance: 2 signif. digits & mult.
ex: 121 = 1.2µH, 122 = 12µH
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: Pitch between parts: Tape width:	1000 0.400 in. 2.500 in.
Reel diameter:	12 in.
Class:	2

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