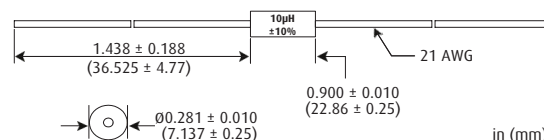


28M SERIES



Molded Unshielded RF Coils



PART NUMBER	L µH	Q MIN	L&Q TEST FREQ MHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC
PHENOLIC CORE						
28M121K	1.2	60	7.9	170	0.079	2400
28M151K	1.5	60	7.9	160	0.090	2150
28M181K	1.8	60	7.9	140	0.135	1750
28M221K	2.2	60	7.9	125	0.160	1600
28M271K	2.7	60	7.9	115	0.220	1350
28M331K	3.3	60	7.9	100	0.305	1150
28M391K	3.9	60	7.9	95	0.450	955
28M471K	4.7	60	7.9	90	0.560	860
28M561K	5.6	60	7.9	80	0.745	745
28M681K	6.8	60	7.9	75	1.05	635
28M821K	8.2	60	7.9	68	1.40	550
28M102K	10	60	7.9	60	1.90	460
28M122K	12	40	2.5	53	2.65	395
28M152K	15	40	2.5	50	3.25	355
28M182K	18	40	2.5	45	4.15	315
POWDERED IRON CORE						
28M222K	22	50	2.5	24	0.295	725
28M272K	27	45	2.5	22	0.350	660
28M332K	33	60	2.5	19	0.550	525
28M392K	39	55	2.5	18	0.650	485
28M472K	47	65	2.5	16	1.00	390
28M562K	56	65	2.5	14	1.15	360
28M682K	68	75	2.5	13	1.85	285
28M822K	82	75	2.5	12	2.10	265
28M103K	100	75	2.5	12	2.50	245
28M123K	120	95	0.79	10	4.10	195

NOTES

- **Operating Temperature Range:**
-55°C to +105°C for Phenolic
-55°C to +125°C for Powdered Iron
- **Current Rating** at a 90°C Ambient:
35°C Rise for Phenolic
15°C Rise for Powdered Iron
- **DWV** 1000 Vrms @ Sea Level
200 Vrms @ 70,000 Feet
- **Weight MAX:** 2.65 grams
- **Marking:** Inductance with units and tolerance (see diagram above)
- **Body Color:** black
- Materials are fungus-inert to meet method 508 of MIL-STD-810H
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

GEC Series **28M 121 K LF**

Inductance: 2 signif. digits & mult.
ex: 121 = 1.2µH, 122 = 12µH, 123 = 120µH

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: 1000

Pitch between parts: 0.400 in.

Tape width: 2.50 in.

Reel diameter: 12 in.

Class: 2