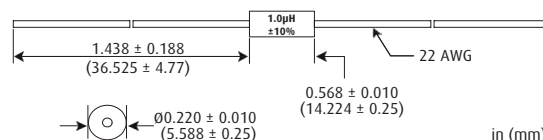


21M SERIES



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						
21M470K	0.47	65	25	300	0.060	1970
21M560K	0.56	65	25	270	0.080	1850
21M680K	0.68	65	25	240	0.080	1700
21M820K	0.82	65	25	220	0.110	1520
21M101K	1.0	65	25	200	0.140	1290
21M121K	1.2	40	7.9	180	0.190	1120
21M151K	1.5	40	7.9	160	0.280	925
21M181K	1.8	40	7.9	150	0.370	790
21M221K	2.2	40	7.9	135	0.500	680
21M271K	2.7	40	7.9	120	0.650	600
21M331K	3.3	40	7.9	105	1.00	480
21M391K	3.9	40	7.9	100	1.20	440
21M471K	4.7	40	7.9	90	1.80	360
POWDERED IRON CORE						
21M561K	5.6	35	7.9	55	0.130	885
21M681K	6.8	35	7.9	50	0.200	710
21M821K	8.2	35	7.9	44	0.220	680
21M102K	10	35	7.9	42	0.260	625
21M122K	12	45	2.5	34	0.450	465
21M152K	15	45	2.5	32	0.520	442
21M182K	18	50	2.5	28	0.700	380
21M222K	22	60	2.5	24	1.00	326
21M272K	27	60	2.5	22	1.30	275
21M332K	33	60	2.5	20	1.50	258
21M392K	39	70	2.5	18	2.00	224

NOTES

- **Operating Temperature Range:**
-55°C to +125°C for Phenolic
-55°C to +105°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:** 1.70 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 **21M 470 K LF**

Inductance: 2 signif. digits & mult.
ex: 470 = 0.47µH, 471 = 4.7µH, 102 = 10µH

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