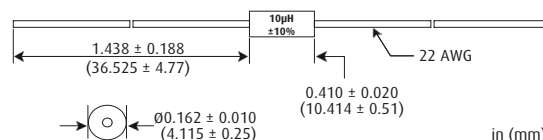


17S SERIES



Molded Shielded 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 / POWDERED IRON SLEEVE						
17S100K	0.10	50	25	250	0.025	1790
17S120K	0.12	51	25	250	0.034	1530
17S150K	0.15	51	25	250	0.037	1470
17S180K	0.18	50	25	250	0.047	1300
17S220K	0.22	49	25	250	0.067	1100
17S270K	0.27	47	25	250	0.110	855
17S330K	0.33	46	25	250	0.130	780
17S390K	0.39	44	25	250	0.180	670
17S470K	0.47	44	25	235	0.250	565
17S560K	0.56	43	25	210	0.330	490
17S680K	0.68	42	25	190	0.450	420
17S820K	0.82	40	25	180	0.590	370
POWDERED IRON CORE / POWDERED IRON SLEEVE						
17S101K	1.0	44	25	140	0.070	1070
17S121K	1.2	44	7.9	130	0.100	895
17S151K	1.5	44	7.9	115	0.120	815
17S181K	1.8	44	7.9	105	0.140	775
17S221K	2.2	44	7.9	100	0.190	650
17S271K	2.7	44	7.9	92	0.280	535
17S331K	3.3	44	7.9	85	0.350	480
17S391K	3.9	44	7.9	75	0.400	450
17S471K	4.7	44	7.9	70	0.550	380
17S561K	5.6	44	7.9	65	0.720	335
17S681K	6.8	50	7.9	55	1.02	280
17S821K	8.2	50	7.9	50	1.32	250
17S102K	10	50	7.9	46	2.62	220
17S122K	12	55	2.5	44	2.00	200
FERRITE CORE / FERRITE SLEEVE						
17S152K	15	45	2.5	49	0.800	315
17S182K	18	45	2.5	45	0.890	300
17S222K	22	45	2.5	41	0.960	290
17S272K	27	45	2.5	38	1.19	260
17S332K	33	45	2.5	34	1.37	240
17S392K	39	50	2.5	29	1.93	205
17S472K	47	50	2.5	27	2.11	195
17S562K	56	50	2.5	25	2.23	190
17S682K	68	50	2.5	21	2.70	170
17S822K	82	50	2.5	10.5	2.44	180
17S103K	100	50	2.5	10	3.12	160
17S123K	120	55	0.79	9.7	3.60	150
17S153K	150	55	0.79	8.5	4.10	140
17S183K	180	55	0.79	8.0	4.40	135
17S223K	220	55	0.79	7.5	5.00	125
17S273K	270	55	0.79	7.0	5.80	115
17S333K	330	55	0.79	6.5	6.40	110
17S393K	390	60	0.79	6.2	7.40	105
17S473K	470	60	0.79	5.7	9.50	92
17S563K	560	60	0.79	4.7	10.5	90
17S683K	680	60	0.79	4.5	11.8	80
17S823K	820	60	0.79	4.2	13.0	80
17S104K	1000	60	0.79	3.8	17.5	70
17S124K	1200	45	0.25	1.5	22.1	60
17S154K	1500	45	0.25	1.2	26.5	55
17S184K	1800	45	0.25	1.0	29.9	50
17S224K	2200	45	0.25	0.97	33.8	50
17S274K	2700	45	0.25	0.92	47.3	40
17S334K	3300	45	0.25	0.84	53.0	40
17S394K	3900	45	0.25	0.80	73.8	35
17S474K	4700	45	0.25	0.74	81.6	31
17S564K	5600	44	0.25	0.73	98.9	28
17S684K	6800	40	0.25	0.66	111	27
17S824K	8200	40	0.25	0.54	119	26
17S105K	10000	40	0.25	0.47	137	24

NOTES

- **Operating Temperature Range:** -55°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **DWV** 1000 Vrms @ Sea Level
200 Vrms @ 70,000 Feet
- **Weight MAX:** 0.70 grams
- **Marking:** Inductance with units and tolerance (see diagram above)
- **Body Color:** black
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

GEC Series **17S 100 K LF**
Inductance: 2 signif. digits & mult.
 ex: 100 = 0.10µH, 101 = 1.0µH, 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: 2500
 Pitch between parts: 0.200 in.
 Tape width: 2.062 in.
 Reel diameter: 12 in.
 Class: 1