

17S

17SLF*

Wirewound, Shielded, Molded


PART NUMBER	L μH	Q MIN	TEST FREQ L&Q MHz	SRF MHz MIN	DCR OHMS 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	1.00	44	25	140	0.070	1070
17S121K	1.20	44	7.9	130	0.100	895
17S151K	1.50	44	7.9	115	0.120	815
17S181K	1.80	44	7.9	105	0.140	775
17S221K	2.20	44	7.9	100	0.190	650
17S271K	2.70	44	7.9	92	0.280	535
17S331K	3.30	44	7.9	85	0.350	480
17S391K	3.90	44	7.9	75	0.400	450
17S471K	4.70	44	7.9	70	0.550	380
17S561K	5.60	44	7.9	65	0.720	335
17S681K	6.80	50	7.9	55	1.020	280
17S821K	8.20	50	7.9	50	1.320	250
17S102K	10.0	50	7.9	46	1.620	220
17S122K	12.0	55	2.5	44	2.000	200

Suffix "K" for 10% tolerance

Optional tolerances available; please contact factory

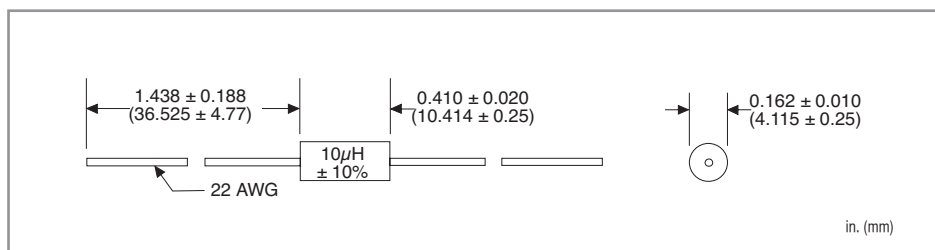
Custom designs are available to meet your specific requirements; please contact factory

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***Add "LF" suffix for RoHS requirement. Example: 17S100KLF**

Gowanda designates a component RoHS-compliant by adding "LF" (lead free) to the part number.

These LF components meet the ≤ .1% lead requirement and they are compatible with 260°C soldering processes.



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
- Laser marking is standard

TAPE AND REEL SPECS:

Pcs./Reel maximum:	2500
Pitch between parts:	0.200 in.
Inside tape spacing:	2.062 in.
Reel diameter:	12 in.
Class:	1

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I7S



I7SLF*



Wirewound, Shielded, Molded



PART NUMBER	L μH	Q MIN	TEST FREQ L&Q MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC
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	10.0	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	10.50	90
17S683K	680	60	0.79	4.5	11.80	80
17S823K	820	60	0.79	4.2	13.00	80
17S104K	1000	60	0.79	3.8	17.50	70
17S124K	1200	45	0.25	1.5	22.10	60
17S154K	1500	45	0.25	1.2	26.50	55
17S184K	1800	45	0.25	1.0	29.90	50
17S224K	2200	45	0.25	0.97	33.80	50
17S274K	2700	45	0.25	0.92	47.30	40
17S334K	3300	45	0.25	0.84	53.00	40
17S394K	3900	45	0.25	0.80	73.80	35
17S474K	4700	45	0.25	0.74	81.60	31
17S564K	5600	44	0.25	0.73	98.90	28
17S684K	6800	40	0.25	0.66	111.00	27
17S824K	8200	40	0.25	0.54	119.00	26
17S105K	10000	40	0.25	0.47	137.00	24

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