SERIES 1025R, 1026R / 1025 / 1026

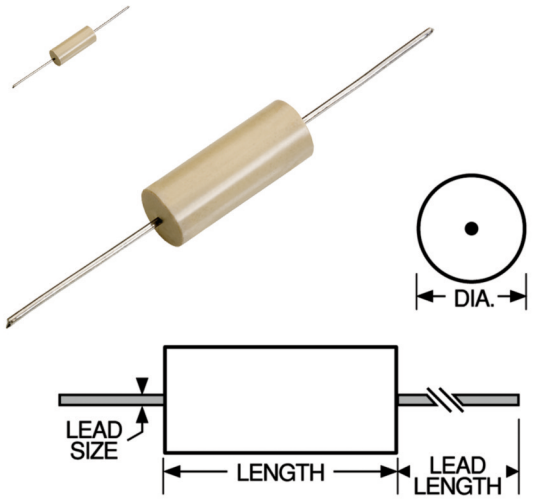
RoHS Compliant

MILITARY QPL APPROVED

Traditional First Quality

Molded Unshielded RF Coils

Actual Size



Military Specifications (1025 Series Only)
MS75083 (LT4K); MS75084 (LT10K); MS75085 (LT10K)

Physical Parameters

	Inches	Millimeters
Length	0.250 ± 0.010	6.35 ± 0.25
Diameter	0.095 ± 0.010	2.41 ± 0.25
Lead Size		
AWG #24 TCW	0.020 ± 0.0015	0.508 ± 0.038
Lead Length	1.5 ± 0.12	38.1 ± 3.05

Current Rating at 90°C Ambient
LT4K 35°C Rise
LT10K 15°C Rise

Operating Temperature Range
LT4K –55°C to +125°C
LT10K –55°C to +105°C

Maximum Power Dissipation at 90°C
Phenolic: LT4K 0.21 W
Iron: LT10K 0.09 W
Ferrite: LT10K 0.073 W

Weight Max. (Grams) 0.3

• **For in-between values** see Series 1782 (page 41)

Note (1026 Series only) Self Resonant Frequency (SRF) values are calculated and for reference only.

Marking DELEVAN; inductance with units and tolerance; date code (YYWWL). Note: An R before the date code indicates a RoHS component.

Example: 1025R-16K

Front:	*Reverse:*
DELEVAN	2.2uH±10%
2.2uH±10%	R 0850B

Optional Tolerances: J = 5% H = 3% G = 2% F = 1%

*Complete part # must include series # PLUS the dash #

For surface finish information, refer to www.delevanfinishes.com

DASH NUMBER*	MIL DASH #	INDUCTANCE (µH)	TOLERANCE	Q MINIMUM	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
MS75083– SERIES 1025 PHENOLIC CORE (LT4K)								
-94K	1	0.10	±10%	40	25.0	680.0	0.08	1380
-96K	2	0.12	±10%	40	25.0	640.0	0.09	1300
-00K	3	0.15	±10%	38	25.0	600.0	0.10	1230
-02K	4	0.18	±10%	35	25.0	550.0	0.12	1120
-04K	5	0.22	±10%	33	25.0	510.0	0.14	1040
-06K	6	0.27	±10%	33	25.0	430.0	0.16	975
-08K	7	0.33	±10%	30	25.0	410.0	0.22	830
-10K	8	0.39	±10%	30	25.0	365.0	0.30	710
-12K	9	0.47	±10%	30	25.0	330.0	0.35	660
-14K	10	0.56	±10%	30	25.0	300.0	0.50	550
-16K	11	0.68	±10%	28	25.0	275.0	0.60	500
-18K	12	0.82	±10%	28	25.0	250.0	0.85	420
-20K	13	1.0	±10%	25	25.0	230.0	1.00	390
MS75084– SERIES 1025 IRON CORE (LT10K)								
-22K	1	1.2	±10%	25	7.9	150.0	0.18	620
-24K	2	1.5	±10%	28	7.9	140.0	0.22	560
-26K	3	1.8	±10%	30	7.9	125.0	0.30	480
-28K	4	2.2	±10%	30	7.9	115.0	0.40	415
-30K	5	2.7	±10%	37	7.9	100.0	0.55	355
-32K	6	3.3	±10%	45	7.9	90.0	0.85	285
-34K	7	3.9	±10%	45	7.9	80.0	1.00	263
-36K	8	4.7	±10%	45	7.9	75.0	1.20	239
-38K	9	5.6	±10%	50	7.9	65.0	1.80	195
-40K	10	6.8	±10%	50	7.9	60.0	2.00	185
-42K	11	8.2	±10%	55	7.9	55.0	2.70	160
-44K	12	10.0	±10%	55	7.9	50.0	3.30	144
-46K	13	12.0	±10%	45	2.5	40.0	2.70	160
-48K	14	15.0	±10%	45	2.5	35.0	2.80	157
-50K	15	18.0	±10%	50	2.5	30.0	3.10	149
-52K	16	22.0	±10%	50	2.5	25.0	3.30	144
-54K	17	27.0	±10%	50	2.5	20.0	3.50	140
MS75085– SERIES 1025 FERRITE CORE (LT10K)								
-56K	1	33.0	±10%	45	2.5	24.0	3.40	130
-58K	2	39.0	±10%	45	2.5	22.0	3.60	125
-60K	3	47.0	±10%	45	2.5	20.0	4.50	110
-62K	4	56.0	±10%	45	2.5	18.0	5.70	100
-64K	5	68.0	±10%	50	2.5	15.0	6.70	92
-66K	6	82.0	±10%	50	2.5	14.0	7.30	88
-68K	7	100.0	±10%	50	2.5	13.0	8.00	84
-70K	8	120.0	±10%	30	0.79	12.0	13.00	66
-72K	9	150.0	±10%	30	0.79	11.0	15.00	61
-74K	10	180.0	±10%	30	0.79	10.0	17.00	57
-76K	11	220.0	±10%	30	0.79	9.0	21.00	52
-78K	12	270.0	±10%	30	0.79	8.0	25.00	47
-80K	13	330.0	±10%	30	0.79	7.0	28.00	45
-82K	14	390.0	±10%	30	0.79	6.5	35.00	40
-84K	15	470.0	±10%	30	0.79	6.0	42.00	36
-86K	16	560.0	±10%	30	0.79	5.0	46.00	35
-88K	17	680.0	±10%	30	0.79	4.2	60.00	30
-90K	18	820.0	±10%	30	0.79	3.8	65.00	29
-92K	19	1000.0	±10%	30	0.79	3.4	72.00	28
SERIES 1026 PHENOLIC CORE (LT4K)								
-00M		0.022	±20%	50	50.0	900.0	0.010	3800
-02K		0.027	±10%	40	25.0	875.0	0.030	2200
-04K		0.033	±10%	40	25.0	850.0	0.035	2000
-06K		0.039	±10%	40	25.0	825.0	0.040	1900
-08K		0.047	±10%	40	25.0	800.0	0.045	1800
-10K		0.056	±10%	40	25.0	775.0	0.050	1700
-12K		0.068	±10%	40	25.0	750.0	0.060	1500
-14K		0.082	±10%	40	25.0	725.0	0.070	1400

Packaging Tape & reel: 12" reel, 3500 pieces max.; 14" reel, 6000 pieces max.

Made in the U.S.A.

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