



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



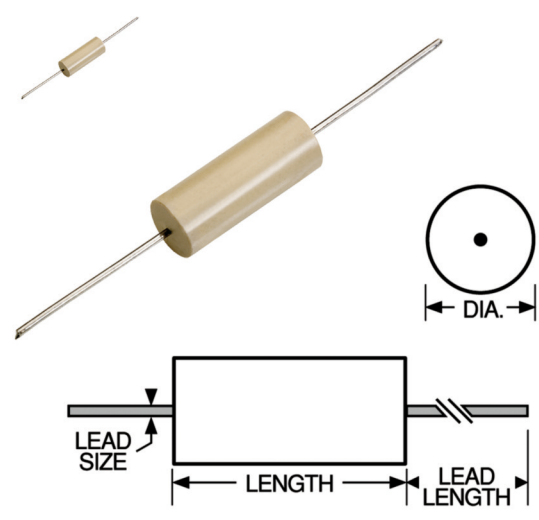
SERIES

1025R, 1026R
1025
1026



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	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.