



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

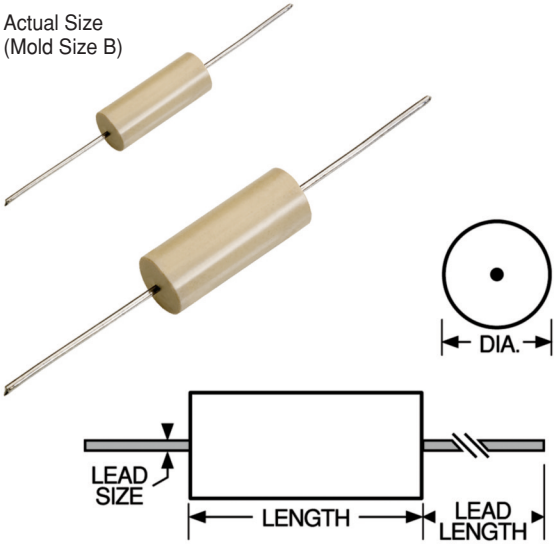
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



Molded Unshielded RF Coils



Military Specifications MS90539 (LT10K); MS90540 (LT10K); MS90541 (LT10K);
g No MS # Issued

Physical Parameters

Mold Size	A	B	C
Length			
Inches ± .010	0.440	0.560	0.740
mm ± .25	11.18	14.22	18.80
Diameter			
Inches ± .010	0.190	0.215	0.240
mm ± .25	4.83	5.46	6.10
Lead Type & Size			
AWG #	#22	#21	#20
TCW ± .002 Inches	0.025	0.028	0.032
[TCW ± .051 mm]	0.635	0.711	0.813
Lead Length			
Inches ± .12	1.44	1.44	1.44
mm ± 3.05	36.58	36.58	36.58
Maximum Power Dissipation			
at 90°C W	0.166	0.182	0.213
Weight Max.			
(Grams)	0.95	1.5	2.5

Current Rating at 90°C Ambient 15°C Rise

Operating Temperature Range -55°C to +105°C
Core Material Iron (LT10K)

Marking DELEVAN; inductance with units and tolerance; date code (YYWWL). Note: An R before the date code indicates a RoHS component.
Example: 2500-16J

Front: DELEVAN 560uH±5%
Reverse: 560uH±5% 0824C

DASH NUMBER*	MIL DASH #	INDUCTANCE (µH) ±5%	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)	MOLD SIZE
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MS90539 · SERIES 2500 IRON CORE (LT10K)								
-00J	1	270	65	0.790	5.60	8.2	126	A
-02J	2	300	65	0.790	5.3	8.7	122	A
-04J	3	330	65	0.790	5.0	9.1	120	A
-06J	4	360	65	0.790	4.7	9.6	115	A
-08J	5	390	65	0.790	4.5	10.0	114	A
-10J	6	430	65	0.790	4.3	10.6	111	A
-12J	7	470	65	0.790	4.0	11.0	108	A
-14J	8	500	65	0.790	3.7	11.3	106	A
-15J	8	510	65	0.790	3.8	11.6	105	A
-16J	9	560	65	0.790	3.6	12.3	104	A
-18J	10	620	60	0.790	3.5	13.0	101	A
-20J	11	680	60	0.790	3.4	13.7	97	A
-22J	12	750	60	0.790	3.3	14.4	95	A
-24J	13	820	60	0.790	3.1	15.1	92	A
-26J	14	910	60	0.790	2.9	15.8	91	A
-28J	15	1000	60	0.790	2.8	16.5	88	A

MS90540 · SERIES 2500 IRON CORE (LT10K)								
-30J	1	1100	60	0.250	2.8	21.0	81	B
-32J	2	1200	60	0.250	2.7	22.0	79	B
-34J	3	1300	60	0.250	2.6	23.0	78	B
-36J	4	1500	65	0.250	2.4	25.0	76	B
-38J	5	1600	65	0.250	2.3	26.0	74	B
-40J	6	1800	65	0.250	2.2	28.0	71	B
-42J	7	2000	65	0.250	2.1	29.0	69	B
-44J	8	2200	70	0.250	2.0	30.0	68	B
-46J	9	2400	70	0.250	1.9	31.0	67	B
-48J	10	2700	70	0.250	1.8	33.0	65	B
-50J	11	3000	70	0.250	1.7	35.0	63	B
-52J	12	3300	70	0.250	1.6	38.0	61	B
-54J	13	3600	70	0.250	1.5	40.0	59	B

MS90541 · SERIES 2500 IRON CORE (LT10K)								
-56J	1	3900	80	0.250	1.45	44.0	62	C
-58J	2	4300	80	0.250	1.40	46.0	60	C
-60J	3	4700	80	0.250	1.35	48.0	59	C
-62J	4	5000	80	0.250	1.30	50.0	58	C
-63J	4	5100	80	0.250	1.30	50.0	58	C
-64J	5	5600	80	0.250	1.25	53.0	56	C
-66J	6	6200	80	0.250	1.20	56.0	55	C
-68J	7	6800	80	0.250	1.15	59.0	54	C
-70J	8	7500	80	0.250	1.10	62.0	52	C
-72J	9	8200	80	0.250	1.05	65.0	51	C
-74J	10	9100	80	0.250	1.0	68.0	49	C
-76J	11	10000	80	0.250	0.95	72.0	48	C

Parts listed above are QPL/MIL qualified

Optional Tolerances: H = 3% G = 2% F = 1%
*Complete part # must include series # PLUS the dash #
For surface finish information, refer to www.delevanfinishes.com

Packaging Tape & reel: Mold sizes "A" and "C": 12" reel, 2500 pieces max.; 14" reel, 3000 pieces max.
Mold size "B": 12" reel, 1000 pieces max.; 14" reel, 1500 pieces max.
Made in the U.S.A.