



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

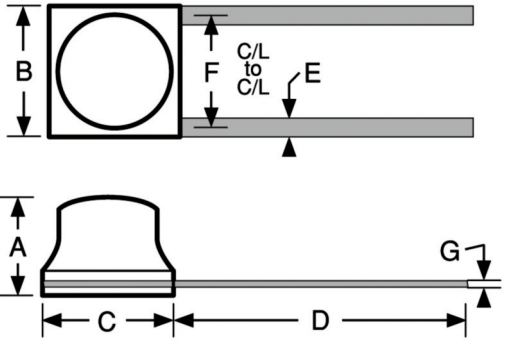
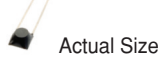
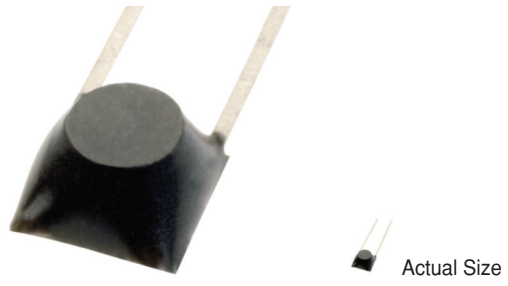


SERIES

**100R
100**



Micro i® Ribbon-Lead Inductors



Military Specifications MS21367 (LT10K)

Physical Parameters

	Inches	Millimeters
A	0.065 Max.	1.65 Max.
B	0.100 ± 0.010	2.54 ± 0.254
C	0.100 ± 0.010	2.54 ± 0.254
D	0.210 Min.	5.33 Min.
E	0.012 ± 0.002 (Typ.)	0.30 ± 0.05
F	0.095 ± 0.015	2.41 ± 0.381
G	0.002 +0.001-0.000	0.05 +0.025-0.000

Weight Max. (Grams) 0.03

Current Rating at 90°C Ambient 15°C Rise

Operating Temperature Range -55°C to +105°C

Maximum Power Dissipation at 90°C 0.0205 Watts

Notes 1) L, Q and SRF measured on Boonton Q and RX meters using special test fixtures. Details for fixtures available. 2) Part number and quantity will appear on package as units are too small for legible marking.

Core Material Iron (LT10K)

Mechanical Configuration 1) Units are epoxy encapsulated. 2) Leads are tin/lead plated Beryllium Copper 3) Gold Plated leads available on special order. 4) RoHS compliant part available by ordering 100R Series.

Packaging Bulk only

Made In the U.S.A.

DASH NUMBER*	MIL DASH #	INDUCTANCE (µH)	TOLERANCE	Q MINIMUM	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
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MS21367 - SERIES 100 IRON CORE (LT10K)								
-150N	01	0.015	±30%	40	50.0	250	0.065	492
-220N	02	0.022	±30%	40	50.0	250	0.090	418
-330N	03	0.033	±30%	40	50.0	250	0.115	370
-470N	04	0.047	±30%	40	50.0	250	0.120	360
-680N	05	0.068	±30%	40	50.0	250	0.150	324
-101N	06	0.100	±30%	40	50.0	250	0.170	304
-121M	07	0.12	±20%	35	25.0	250	0.140	335
-151M	08	0.15	±20%	40	25.0	250	0.160	313
-181M	09	0.18	±20%	40	25.0	250	0.190	287
-221M	10	0.22	±20%	40	25.0	250	0.21	274
-271M	11	0.27	±20%	40	25.0	250	0.24	256
-331M	12	0.33	±20%	40	25.0	250	0.25	251
-391M	13	0.39	±20%	40	25.0	200	0.28	237
-471M	14	0.47	±20%	40	25.0	175	0.31	225
-561M	15	0.56	±20%	40	25.0	170	0.45	185
-681M	16	0.68	±20%	40	25.0	165	0.62	159
-821M	17	0.82	±20%	35	25.0	160	0.65	155
-102M	18	1.00	±20%	35	25.0	135	0.73	145
-122K	19	1.20	±10%	35	7.9	120	1.00	125
-152K	20	1.50	±10%	32	7.9	110	1.20	114
-182K	21	1.80	±10%	32	7.9	95	1.50	102
-222K	22	2.20	±10%	35	7.9	80	1.70	96
-272K	23	2.70	±10%	35	7.9	70	2.00	89
-332K	24	3.30	±10%	37	7.9	65	2.20	84
-392K	25	3.90	±10%	37	7.9	60	2.80	75
-472K	26	4.70	±10%	40	7.9	55	3.10	71
-562K	27	5.60	±10%	40	7.9	50	3.30	69
-682K	28	6.80	±10%	40	7.9	45	3.80	64
-822K	29	8.20	±10%	40	7.9	43	5.00	56
-103K	30	10.0	±10%	40	7.9	40	5.60	53

Parts listed above are QPL/MIL qualified

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