



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!



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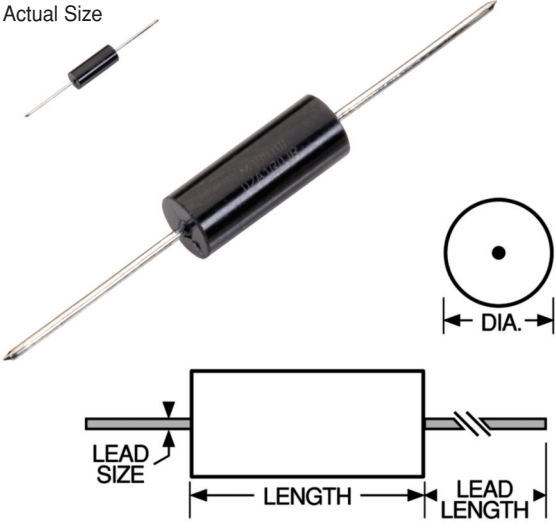
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





**Molded Shielded RF Coils**

Actual Size



**Military Specifications**

MS21426 (LT10K); MS21427 (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	38.10 ± 3.05

**Current Rating at 90°C Ambient** 15°C Rise

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

**Maximum Power Dissipation at 90°C** 0.0585 W

**Weight Max.** (Grams) 0.25

**Incremental Current** Current level which causes a Max. of 5% change in inductance.

**Coupling** 3% Max.

† Self Resonant Frequency (SRF) values are calculated and to be used 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: 0925R-472K

Front:	Reverse:
DELEVAN	4.7uH±10%
4.7uH±10%	R 0902A

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

**Made in the U.S.A.**

DASH NUMBER*	MIL DASH #	INDUCTANCE (uH) ±10%	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	MAXIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)	INCREMENTAL CURRENT (mA)
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MS21426- SERIES 0925 IRON CORE & SLEEVE (LT10K)								
-101K	1	0.10	54	25.0	490.0†	0.10	670	670
-121K	2	0.12	52	25.0	430.0†	0.11	635	635
-151K	3	0.15	50	25.0	415.0†	0.12	610	610
-181K	4	0.18	49	25.0	375.0†	0.13	585	585
-221K	5	0.22	47	25.0	330.0†	0.15	545	545
-271K	6	0.27	46	25.0	300.0†	0.16	530	530
-331K	7	0.33	44	25.0	260.0†	0.18	495	495
-391K	8	0.39	42	25.0	230.0	0.19	485	485
-471K	9	0.47	41	25.0	220.0	0.21	460	460
-561K	10	0.56	41	25.0	210.0	0.23	440	440
-681K	11	0.68	39	25.0	180.0	0.24	430	430
-821K	12	0.82	38	25.0	165.0	0.27	405	405
-102K	13	1.00	37	25.0	150.0	0.30	385	385
-122K	14	1.20	40	7.9	130.0	0.73	247	247
-152K	15	1.50	41	7.9	115.0	0.86	228	228
-182K	16	1.80	43	7.9	105.0	0.95	217	217
-222K	17	2.20	45	7.9	95.0	1.10	202	202
-272K	18	2.70	48	7.9	90.0	1.20	193	193
-332K	19	3.30	49	7.9	80.0	1.30	185	185
-392K	20	3.90	50	7.9	75.0	1.50	173	173
-472K	21	4.70	53	7.9	70.0	2.40	136	136
-562K	22	5.60	54	7.9	60.0	2.90	124	124
-682K	23	6.80	55	7.9	55.0	3.20	118	118
-822K	24	8.20	55	7.9	53.0	3.60	111	111
-103K	25	10.0	57	7.9	50.0	4.00	106	106
-123K	26	12.0	36	2.5	35.0	3.00	122	122
-153K	27	15.0	38	2.5	30.0	3.40	115	115
-183K	28	18.0	40	2.5	26.0	3.80	108	108
-223K	29	22.0	40	2.5	24.0	4.90	96	96
-273K	30	27.0	40	2.5	21.0	5.80	88	88
-333K	31	33.0	41	2.5	20.0	6.50	83	83
-393K	32	39.0	42	2.5	19.0	7.90	75	75
-473K	33	47.0	44	2.5	16.0	9.30	69	69
-563K	34	56.0	44	2.5	15.0	11.0	64	64
-683K	35	68.0	45	2.5	13.0	12.0	61	61
-823K	36	82.0	45	2.5	11.0	13.0	59	59
-104K	37	100.0	40	2.5	10.5	16.8	51	51

MS21427- SERIES 0925 FERRITE CORE & SLEEVE (LT10K)								
-124K	1	120.0	31	0.79	13.0	5.80	88	27
-154K	2	150.0	33	0.79	12.0	7.90	75	24
-184K	3	180.0	33	0.79	11.0	9.40	69	22
-224K	4	220.0	35	0.79	10.0	11.0	64	20
-274K	5	270.0	37	0.79	9.0	12.0	61	18
-334K	6	330.0	40	0.79	8.0	16.0	53	16
-394K	7	390.0	38	0.79	7.8	21.0	46	14
-474K	8	470.0	36	0.79	7.5	24.0	43	13
-564K	9	560.0	36	0.79	7.0	28.0	40	12

Parts listed above are QPL/MIL qualified

Optional Tolerances: J = 5% H = 3%
*Complete part # must include series # PLUS the dash #
For surface finish information, refer to <a href="http://www.delevanfinishes.com">www.delevanfinishes.com</a>