



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

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**SERIES**

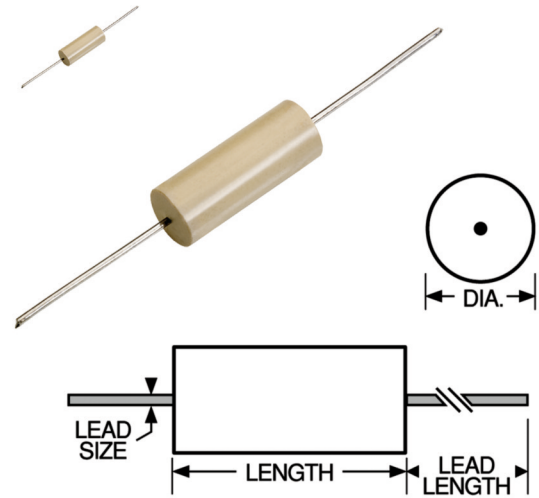
**1782R**  
**1782**



**Molded Unshielded RF Coils**

INDUCTANCE (uH) ±10%  
TEST FREQUENCY (MHz)  
Q MINIMUM  
SRF MINIMUM (MHz)  
DC RESISTANCE MAXIMUM (OHMS)  
CURRENT RATING MAXIMUM (mA)  
DASH NUMBER\*

Actual Size



**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

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

Example: 1782-49J

<i>Front:</i>	<i>Reverse:</i>
DELEVAN	16uH±5%
16uH±5%	0237A

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

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

SERIES 1782 PHENOLIC CORE (LT4K)						
-95J	0.11	40	25.0	640	0.09	1270
-97J	0.13	38	25.0	600	0.10	1200
-02J	0.16	35	25.0	550	0.12	1105
-03J	0.20	33	25.0	510	0.14	1025
-05J	0.24	33	25.0	430	0.16	960
-07J	0.30	30	25.0	410	0.22	815
-09J	0.36	30	25.0	365	0.30	700
-11J	0.43	30	25.0	330	0.35	650
-13J	0.51	30	25.0	300	0.50	545
-15J	0.62	28	25.0	275	0.60	495
-17J	0.75	28	25.0	250	0.85	415
-19J	0.91	25	25.0	230	1.00	385
SERIES 1782 IRON CORE (LT10K)						
-21J	1.10	25	7.9	150	0.18	590
-23J	1.30	25	7.9	140	0.22	535
-25J	1.60	28	7.9	125	0.30	455
-27J	2.00	30	7.9	115	0.40	395
-29J	2.40	30	7.9	100	0.55	335
-31J	3.00	37	7.9	90	0.85	270
-33J	3.60	45	7.9	80	1.00	250
-35J	4.30	45	7.9	75	1.20	230
-37J	5.10	45	7.9	65	1.80	185
-39J	6.20	50	7.9	60	2.00	175
-41J	7.50	50	7.9	55	2.70	155
-43J	9.10	55	7.9	50	3.70	130
-45J	11.0	45	2.5	40	2.70	155
-47J	13.0	40	2.5	35	2.80	150
-49J	16.0	40	2.5	30	3.10	145
-51J	20.0	50	2.5	25	3.30	140
-53J	24.0	50	2.5	20	3.50	135
SERIES 1782 FERRITE CORE (LT10K)						
-55J	30.0	45	2.5	20	3.40	130
-57J	36.0	45	2.5	22	3.60	125
-59J	43.0	45	2.5	20	4.50	110
-61J	51.0	45	2.5	18	5.70	100
-63J	62.0	45	2.5	15	6.70	92
-65J	75.0	50	2.5	14	7.30	88
-67J	91.0	50	2.5	13	8.00	84
-69J	110.0	30	0.790	12	13.0	66
-71J	130.0	30	0.790	11	15.0	61
-73J	160.0	30	0.790	10	17.0	57
-75J	200.0	30	0.790	9.0	21.0	52
-77J	240.0	30	0.790	8.0	25.0	47
-79J	300.0	30	0.790	7.0	28.0	45
-81J	360.0	30	0.790	6.5	35.0	40
-83J	430.0	30	0.790	6.0	42.0	36
-85J	510.0	30	0.790	5.0	46.0	35
-87J	620.0	30	0.790	4.0	60.0	30
-89J	750.0	30	0.790	3.8	65.0	29
-91J	910.0	30	0.790	3.4	72.0	28

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](http://www.delevanfinishes.com)