



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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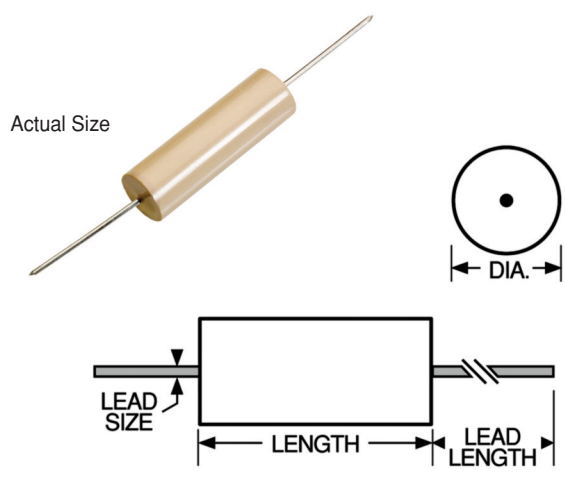
SERIES

2890R
2890



Molded Unshielded RF Coils

INDUCTANCE (µH) ±10%
MIL DASH #
TEST FREQUENCY (MHz)
Q MINIMUM
SRF MINIMUM (MHz)
DC RESISTANCE MAXIMUM (OHMS)
CURRENT RATING MAXIMUM (mA)



MS91189- SERIES 2890 PHENOLIC CORE (LT4K)							
-00K	14	1.2	60	7.9	170	0.075	2400
-02K	15	1.5	60	7.9	160	0.090	2190
-03K	16	1.8	60	7.9	140	0.135	1790
-04K	17	2.2	60	7.9	125	0.160	1640
-06K	18	2.7	60	7.9	115	0.220	1400
-08K	19	3.3	60	7.9	100	0.305	1190
-10K	20	3.9	60	7.9	95	0.450	980
-12K	21	4.7	60	7.9	90	0.560	880
-14K	22	5.6	60	7.9	80	0.745	760
-16K	23	6.8	60	7.9	75	1.05	640
-18K	24	8.2	60	7.9	68	1.40	555
-20K	25	10.0	60	7.9	60	1.90	475
-22K	26	12.0	40	2.5	53	2.65	405
-24K	27	15.0	40	2.5	50	3.25	365
-26K	28	18.0	40	2.5	45	4.15	320
MS75103- SERIES 2890 IRON CORE (LT10K)							
-28K	1	22.0	50	2.5	24	0.295	815
-30K	2	27.0	45	2.5	22	0.35	750
-32K	3	33.0	60	2.5	19	0.55	595
-34K	4	39.0	55	2.5	18	0.65	550
-36K	5	47.0	65	2.5	16	1.00	445
-38K	6	56.0	65	2.5	14	1.15	410
-39K	7	68.0	75	2.5	13	1.85	325
-40K	8	82.0	75	2.5	12	2.10	305
-42K	9	100.0	75	2.5	12	2.50	279
-44K	10	120.0	95	0.79	10	4.10	219

Military Specifications

MS91189 (LT4K); MS75103(LT10K)

Physical Parameters

	Inches	Millimeters
Length	0.900 ± 0.010	22.86 ± 0.25
Diameter	0.280 ± 0.010	7.11 ± 0.25
Lead Size		
AWG #21 TCW	0.028 ± 0.002	0.711 ± 0.051
Lead Length	1.44 ± 0.12	36.58 ± 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

LT4K 0.598 W
LT10K 0.256 W

Weight Max. (Grams) 3.9

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

Example: 2890R-16F

<i>Front:</i>	<i>Reverse:</i>
DELEVAN	6.8uH±1%
6.8uH±1%	R 0518B

Packaging Tape & reel: 12" reel, 800 pieces max.; 14" reel, 1300 pieces max.

Made in the U.S.A.

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