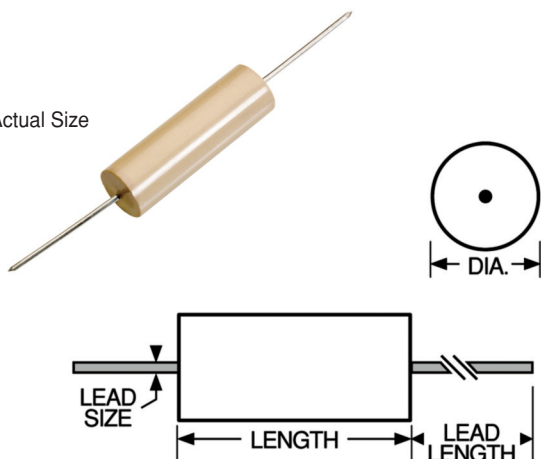


SERIES**2890R
2890****Molded Unshielded RF Coils**

Actual Size

**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

Front:	Reverse:
DELEVAN	6.8uH±1%
6.8uH±1%	R 0518B

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

*Tape and Reel Packaging requires a (1) inch minimum
reduction on lead length in order to meet EIA-296 inside
tape dimensions.

Made in the U.S.A.

DASH NUMBER*	MIL DASH #	INDUCTANCE (μH) ±10%	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
-02K	15	1.5	60	7.9	160	0.090
-03K	16	1.8	60	7.9	140	0.135
-04K	17	2.2	60	7.9	125	0.160
-06K	18	2.7	60	7.9	115	0.220
-08K	19	3.3	60	7.9	100	0.305
-10K	20	3.9	60	7.9	95	0.450
-12K	21	4.7	60	7.9	90	0.560
-14K	22	5.6	60	7.9	80	0.745
-16K	23	6.8	60	7.9	75	1.05
-18K	24	8.2	60	7.9	68	1.40
-20K	25	10.0	60	7.9	60	1.90
-22K	26	12.0	40	2.5	53	2.65
-24K	27	15.0	40	2.5	50	3.25
-26K	28	18.0	40	2.5	45	4.15
MS75103- SERIES 2890 IRON CORE (LT10K)						
-28K	1	22.0	50	2.5	24	0.295
-30K	2	27.0	45	2.5	22	0.35
-32K	3	33.0	60	2.5	19	0.55
-34K	4	39.0	55	2.5	18	0.65
-36K	5	47.0	65	2.5	16	1.00
-38K	6	56.0	65	2.5	14	1.15
-39K	7	68.0	75	2.5	13	1.85
-40K	8	82.0	75	2.5	12	2.10
-42K	9	100.0	75	2.5	12	2.50
-44K	10	120.0	95	0.79	10	4.10

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 #

Mouser Electronics

Authorized Distributor

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[Delevan:](#)

[MS91189-15](#)