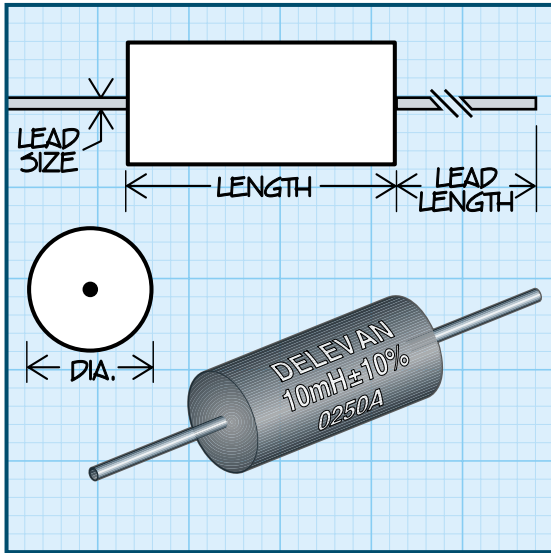


**Molded Shielded RF Coils**



**Test Methods** MIL-PRF-15305 test methods only. MS75089-24 to MS75089-40, reference; MS90537-50 to MS90537-66, reference.

**Mechanical Configuration** Units are axial leaded, encapsulated in an epoxy molded case. Core and sleeve are both of ferrite material.

**Physical Parameters**

	Inches	Millimeters
Length	0.427 to 0.447	10.85 to 11.35
Diameter	0.177 to 0.197	4.496 to 5.004
Lead Size		
AWG #22 TCW	0.023 to 0.027	0.584 to 0.686
Lead Length	1.320 to 1.560	33.53 to 39.62

**Current Rating at 90°C Ambient** 35°C Rise

**Operating Temperature** -55°C to +125°C

**Power Dissipation at 90°C** 0.385 W

**Coupling** 3% Max.

**\*\* Note** Incremental Current is the D.C. current required to decrease the inductance a maximum of 5%.

**Packaging** Tape & reel: 12" reel, 2500 pieces max.; 14" reel, 3000 pieces max. For additional packaging options, see technical section.

*Made in the U.S.A.*

DASH NUMBER\*

INDUCTANCE  
( $\mu$ H)  $\pm$ 10%

Q MINIMUM

TEST FREQUENCY (MHz)

SRF MINIMUM (MHz)

DC RESISTANCE  
MAXIMUM (OHMS)

CURRENT RATING  
MAXIMUM (mA)

INCREMENTAL  
CURRENT (mA) \*\*

**SERIES 4307 FERRITE CORE AND SLEEVE**

-125K	1200	50	0.250	3.00	22.1	115	35
-155K	1500	50	0.250	2.80	26.5	110	33
-185K	1800	50	0.250	2.60	29.9	105	30
-225K	2200	50	0.250	2.40	33.8	99	27
-275K	2700	50	0.250	2.20	47.3	83	25
-335K	3300	50	0.250	2.00	53.0	80	22
-395K	3900	50	0.250	1.90	73.8	67	20
-475K	4700	50	0.250	1.70	81.6	63	19
-565K	5600	50	0.250	1.60	98.9	56	17
-685K	6800	50	0.250	1.40	111.0	54	16
-825K	8200	50	0.250	1.20	119.0	52	15
-106K	10000	50	0.250	1.00	137.0	49	14
-126K	12000	30	0.079	0.80	143.0	46	13
-156K	15000	30	0.079	0.60	157.0	45	12
-186K	18000	30	0.079	0.55	225.0	41	10
-226K	22000	27	0.079	0.50	274.0	33	9
-276K	27000	27	0.079	0.40	308.0	31	8
-336K	33000	27	0.079	0.40	343.0	29	7.5

Optional Tolerances: J = 5% H = 3%

\*Complete part # must include series # PLUS the dash #

For further surface finish information, refer to TECHNICAL section of this catalog.