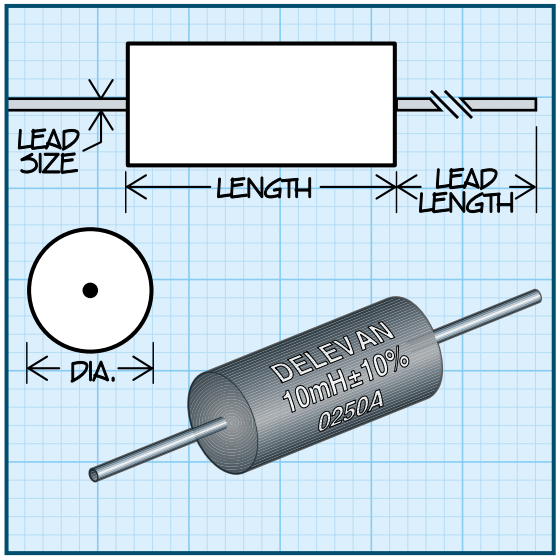
Series 4307R 4307

RoHS Compliant

Traditional First Quality

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 (µH) ±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.

www.delevan.com E-mail: apisales@delevan.com
270 Quaker Rd., East Aurora NY 14052 • Phone 716-652-3600 • Fax 716-652-4814