SERIES

9405R & 9406R
9405 & 9406

RoHS Compliant

Traditional First Quality

Tunable Variable RF Coils

Leads AWG #24 Tinned Copperweld

Tuning Torque 0.1 to 3.5 oz. in.

Pin #1 is identified by white dot on 9406 only.

Current Rating at 90°C Ambient 35°C Rise

Operating Temperature Range
–55°C to +125°C

Max. Power Dissipation at 90°C - 0.3 W

Weight Max. (Grams) 4.0

Units are electro-magnetically shielded

Core and Shield Material Ferrite

Ordering Information
Vertical Coil = Dash No. prefixed by 9405; Horizontal Coil = Dash No. prefixed by 9406. Additionally – an electrostatic shield for 9405 is available on a custom basis; order as 9415-XX

9405 Marking DEC; part number

9406 Marking Part number; DEC

Example: 9405R-10

DEC
9405R-10

Packaging Bulk only

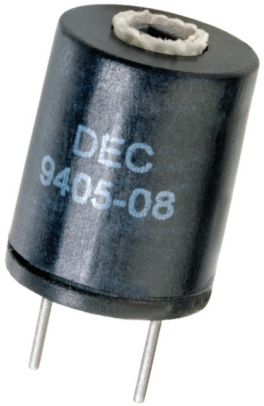
Made in the U.S.A.

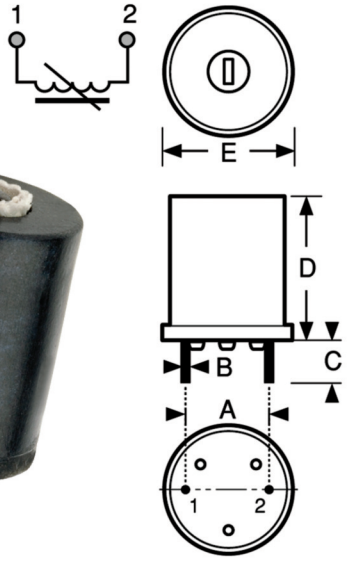
DASH NUMBER*	NOMINAL INDUCTANCE (µH)	INDUCTANCE MINIMUM (µH)	INDUCTANCE MAXIMUM (µH)	TEST FREQUENCY (MHz)	Q MINIMUM @ L MIN.	Q MINIMUM @ L MAX.	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
-1	0.10	0.080	0.120	25.0	45	43	250.0	0.030	2690.0
-2	0.15	0.120	0.180	25.0	53	50	198.0	0.035	2490.0
-4	0.22	0.154	0.286	25.0	55	52	195.0	0.056	1970.0
-6	0.33	0.231	0.429	25.0	51	49	142.0	0.060	1900.0
-8	0.47	0.329	0.611	25.0	53	51	110.0	0.064	1840.0
-10	0.68	0.476	0.884	25.0	51	48	130.0	0.073	1720.0
-12	1.00	0.700	1.30	25/7.9	51	67	95.0	0.600	600.0
-14	1.50	1.05	1.95	7.9	55	82	76.0	0.620	590.0
-16	2.20	1.54	2.86	7.9	65	103	57.0	0.720	550.0
-18	3.30	2.31	4.29	7.9	70	91	39.0	1.05	455.0
-20	4.70	3.29	6.11	7.9	74	87	37.0	1.15	435.0
-22	6.80	4.76	8.84	7.9	72	88	27.0	1.30	410.0
-24	10.0	7.00	13.0	7.9/2.5	72	87	18.0	1.50	380.0
-26	15.0	10.5	19.5	2.5	66	93	16.0	2.35	305.0
-28	22.0	15.4	28.6	2.5	74	102	12.0	2.80	278.0
-30	33.0	23.1	42.9	2.5	83	110	11.0	3.00	269.0
-32	47.0	32.9	61.1	2.5	76	96	8.0	3.70	242.0
-34	68.0	47.6	88.4	2.5	70	73	7.0	4.35	223.0
-36	100.0	70.0	130.0	2.5/0.79	65	67	6.5	5.50	198.0
-38	150.0	105.0	195.0	0.79	53	81	4.5	9.20	153.0
-40	220.0	154.0	286.0	0.79	61	83	3.5	9.70	149.0
-42	330.0	231.0	429.0	0.79	42	57	3.2	14.0	124.0
-44	470.0	329.0	611.0	0.79	48	67	3.1	15.0	120.0
-46	680.0	476.0	884.0	0.79	45	57	2.4	20.0	104.0
-48	1000.0	700.0	1300.0	0.79/0.25	48	52	1.9	24.5	94.0
-50	1500.0	1050.0	1950.0	0.25	38	53	1.3	30.0	85.0
-52	2200.0	1540.0	2860.0	0.25	42	65	1.2	38.0	75.5
-54	3300.0	2310.0	4290.0	0.25	42	57	0.85	45.0	69.5
-56	4700.0	3290.0	6110.0	0.25	38	51	0.68	70.0	55.5
-58	6800.0	4760.0	8840.0	0.25	38	49	0.60	100.0	46.5
-60	10000.0	7000.0	13000.0	0.25/0.079	40	40	0.50	115.0	43.5

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

For surface finish information,
refer to www.delevanfinishes.com

Actual Size





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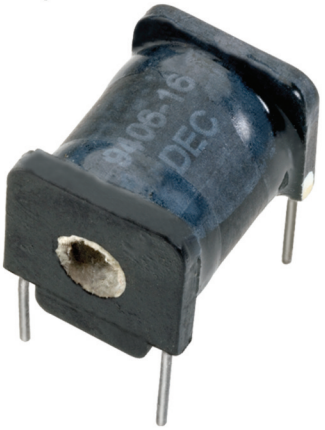

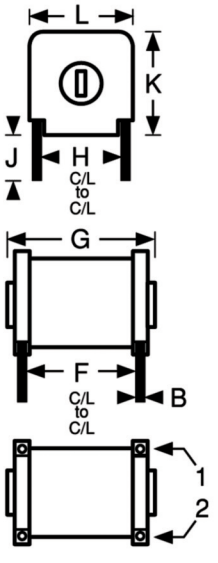

Physical Parameters

Dimension	A	B	C	D	E	F	G	H	J	K, L
In.	0.200 ± 0.010	0.020 ± 0.0015	0.187 ± 0.020	0.500 max.	0.380 max.	0.400 ± 0.020	0.500 max.	0.300 ± 0.010	0.187 ± 0.020	0.375 max.
mm	5.08 ± 0.25	0.508 ± 0.038	4.75 ± 0.51	12.7 max.	9.65 max.	10.16 ± 0.51	12.7 max.	7.62 ± 0.25	4.75 ± 0.51	9.53 max.

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