



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

9405R & 9406R
9405 & 9406



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

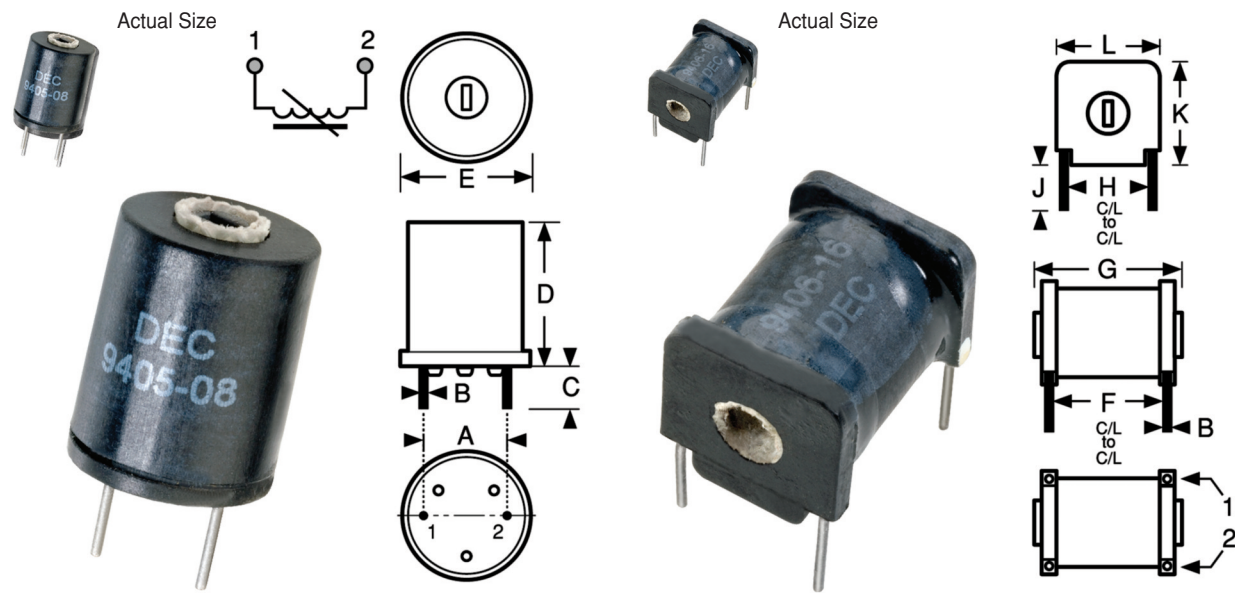
Packaging Bulk only

Made in the U.S.A.

RF INDUCTORS									
DASH NUMBER*	INDUCTANCE NOMINAL MINIMUM (μH)	INDUCTANCE MAXIMUM (μH)	TEST FREQUENCY (MHz)	Q MINIMUM (MHz)	SRF MINIMUM @ L MIN. (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



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.