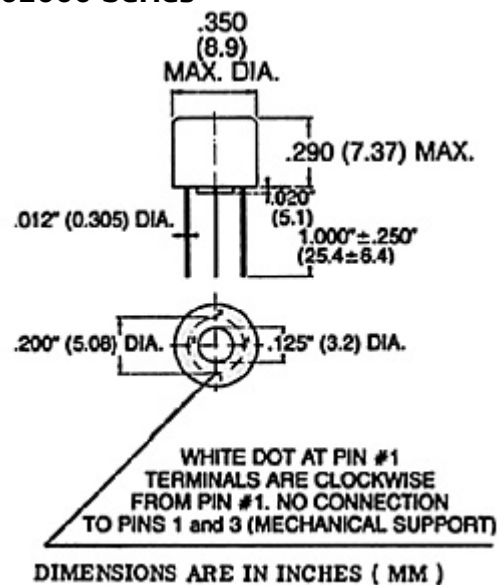


Ultra-miniature HIGH "Q" Inductors

Specifications:

- Inductance Tolerance
 $\pm 4\%$ at 0.1V-100KHZ
- Inductance Stability vs. Temperature
 $\pm 2\%$ -55°C to 105°C
- Weight: 2 Grams
- Thermal Shock 100 Cycles, method 107D MIL-STD 202E Test Condition A3
- Unit has Magnetic Shield
- $\pm 2\%$ inductance stability vs temperature
- Smallest possible size
- Extreme resistance to thermal shock
- Manufactured to MIL-PRF-27, Grade 5 Class S
- All units magnetically shielded
- Non-standard inductance values available at 10% highest value than nearest standard inductor.

62000 Series



[Larger Size Schematic](#)

"62000" SERIES

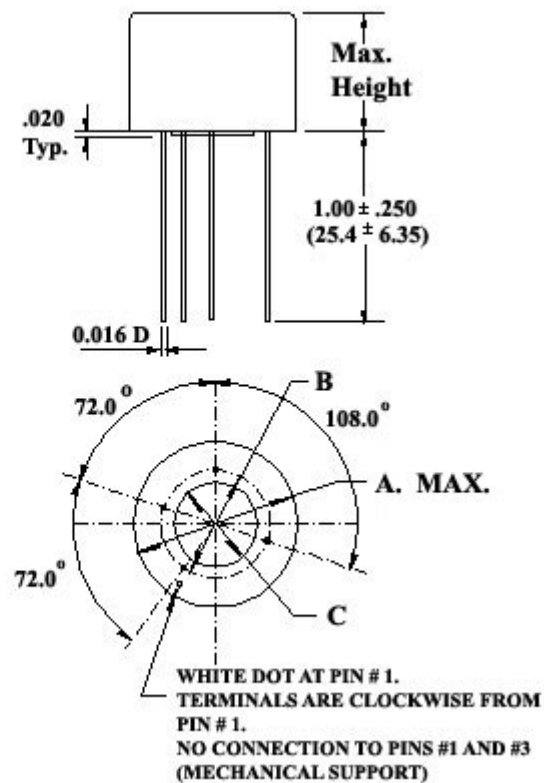
Part Number	INDUCTANCE (MICRO-HENRYS)	DC RESISTANCE (OHMS)	APPROXIMATE SELF RESONANT FREQUENCY (KHZ)	MAXIMUM DC CURRENT (mA)	TYPICAL Q	*** PRICE (1-9) (US \$)
62112	2500	18	1.15	80	130 at (400 kHz)	91.00
62132	1500	10	1.5	100	130 at (400 kHz)	91.00
62152	992	7	1.8	125	160 at (400 kHz)	91.00
62172	900	6.5	1.9	130	160 at (400 kHz)	91.00
62192	800	6.0	2.1	140	160 at (400 kHz)	91.00
62212	742	5.7	2.3	150	150 at (500 kHz)	91.00
62232	702	5.5	2.5	155	150 at (500 kHz)	91.00
62252	700	5.0	2.7	160	160 at (500 kHz)	91.00
62272	695	4.5	3	170	160 at (500 kHz)	91.00
62292	400	3.7	3.3	185	160 at (500 kHz)	91.00

62312	298	2.8	3.8	215	170 at (500 kHz)	91.00
62332	248	2.3	4.2	235	170 at (500 kHz)	91.00
62352	196	1.8	4.75	265	160 at (500 kHz)	91.00
62372	150	1.4	5.5	300	160 at (500 kHz)	91.00
62392	100	1.2	6.8	330	140 at (400 kHz)	91.00

63000, 64000, 65000 Series

Series	Max. Height	A. Max Dia.	B. Bolt Circle	C. Stand-Off
63000	.325 (7.87)	.430 (10.69)	.260 (6.6)	.160 (4.06)
64000	.360 (9.14)	.530 (13.5)	.350 (8.89)	.250 (6.35)
65000	.480 (12.19)	.670 (17.0)	.440 (11.17)	.340 (8.64)

Note: All dimensions are in inches () = mm



"63000" SERIES

Part Number	INDUCTANCE	DC RESISTANCE (OHMS)	APPROXIMATE SELF RESONANT FREQUENCY (KHZ)	MAXIMUM DC CURRENT (mA)	TYPICAL Q	PRICE (1-9) (US \$)
63120	1 Hy	1840	47	5.7	30 at (15 kHz)	102.35
63140	750 mH	1380	54	6.6	30 at (15 kHz)	98.78
63160	500 mH	920	66	8	30 at (15 kHz)	93.04
63180	200 mH	368	105	12.5	60 at (25 kHz)	93.04
63200	100 mH	185	148	18	60 at (25 kHz)	93.04
63220	75 mH	140	172	20.8	100 at (50 kHz)	93.04
63240	50 mH	90	210	25.5	100 at (50 kHz)	93.04
63260	30 mH	55	270	33	100 at (50 kHz)	93.04
63280	20 mH	37	332	40	100 at (50 kHz)	93.04
63300	15 mH	28	383	46	100 at (50 kHz)	93.04
63320	10 mH	18.5	470	57	100 at (50 kHz)	93.04
63340	5 mH	10	665	80	100 at (50 kHz)	93.04
63360	1 mH	2	1480	180	100 at (50 kHz)	102.35

"64000" SERIES

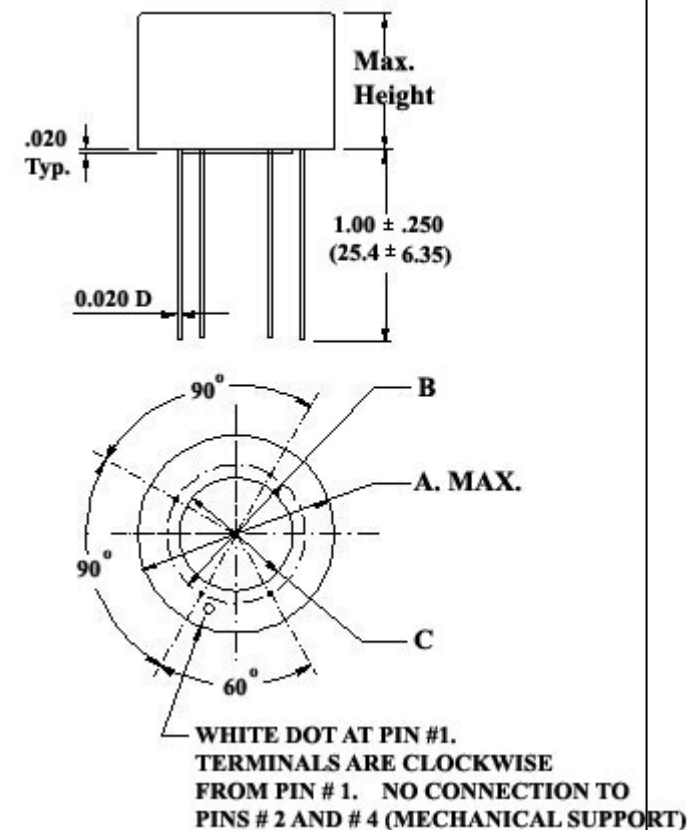
Part Number	INDUCTANCE	DC RESISTANCE (OHMS)	APPROXIMATE SELF RESONANT FREQUENCY (KHZ)	MAXIMUM DC CURRENT (mA)	TYPICAL Q	PRICE (1-9) (US \$)
64114	5 Hy	3000	17	2.8	15 at (4 kHz)	111.37
64134	3 Hy	1800	22	3.6	30 at (6 kHz)	107.44
64154	2 Hy	1200	27	4.4	30 at (6 kHz)	102.35
64174	1 Hy	600	38	6.3	30 at (6 kHz)	93.04
64194	750 mH	450	44	7.3	30 at (6 kHz)	93.04
64214	500 mH	300	54	9	30 at (6 kHz)	93.04
64234	250 mH	150	76	13	65 at (15 kHz)	93.04
64254	100 mH	60	120	20	65 at (15 kHz)	93.04
64274	75 mH	45	139	23	120 at (25 kHz)	93.04
64294	50 mH	30	170	28	120 at (25 kHz)	93.04
64314	10 mH	6	380	63	200 at (50 kHz)	93.04
64334	5 mH	3	537	89	200 at (50 kHz)	93.04
64354	1 mH	.6	1200	200	200 at (50 kHz)	102.35

"65000" SERIES

Part Number	INDUCTANCE	DC RESISTANCE (OHMS)	APPROXIMATE SELF RESONANT FREQUENCY (KHZ)	MAXIMUM DC CURRENT (mA)	TYPICAL Q	PRICE (1-9) (US \$)
65413	10 Hy	3800	11.7	2.8	28 at (4 kHz)	111.37
65433	5 Hy	1900	16.5	3.9	28 at (4 kHz)	107.44
65453	3 Hy	1140	21	5.1	28 at (4 kHz)	102.35
65473	2 Hy	760	26	6.3	56 at (6 kHz)	102.35
65493	1 Hy	380	37	8.8	56 at (6 kHz)	92.90
65513	500 mH	190	52	12.5	56 at (6 kHz)	92.90
65533	250 mH	95	74	17.7	140 at (15 kHz)	92.90
65553	100 mH	38	117	28	140 at (15 kHz)	92.90
65573	50 mH	19	165	39.6	240 at (25 kHz)	92.90
65593	10 mH	3.8	370	88.5	240 at (25 kHz)	92.90

66000 Series

Series	Max. Height	A. Max Diameter	B. Bolt Circle	C. Standoff
66000	.550 (13.97)	.840 (21.34)	.560 (14.22)	.460 (11.68)
NOTE: ALL DIMENSIONS ARE IN INCHES ()=mm				



"66000" SERIES

Part Number	INDUCTANCE	DC RESISTANCE (OHMS)	APPROXIMATE SELF RESONANT FREQUENCY (KHZ)	MAXIMUM DC CURRENT (mA)	TYPICAL Q	PRICE (1-9) (US \$)
66218	10 Hy	2200	11	4.2	40 at (4 kHz)	111.37
66238	5 Hy	1100	15.7	6	40 at (4 kHz)	107.44
66258	3 Hy	660	20	7.7	70 at (6 kHz)	107.44
66278	2 Hy	440	25	9.4	70 at (6 kHz)	93.04
66298	1 Hy	220	35	13	70 at (6 kHz)	93.04

66318	500 mH	110	49	18.8	70 at (6 kHz)	93.04
66338	250 mH	55	70	26.6	200 at (15 kHz)	93.04
66358	100 mH	22	110	42	200 at (15 kHz)	93.04
66378	50 mH	11	156	59	200 at (15 kHz)	93.04
66398	10 mH	2.2	350	133	200 at (15 kHz)	93.04

**Lower switching frequency may be used at lower output power.

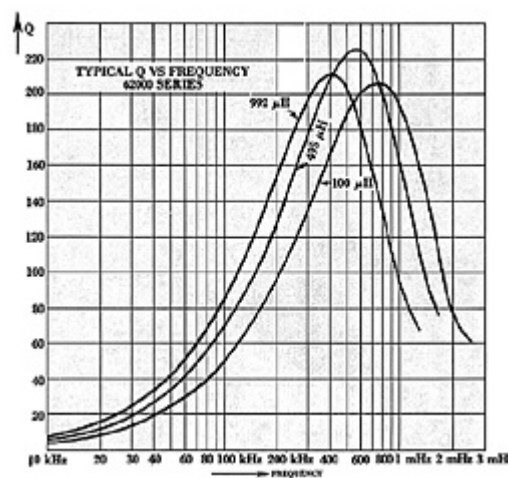
***Discount Prices: 1-9 Net; 10-24 less 10%; 25-49 less 16%,

50-99 less 23%; 100-499 less 30%

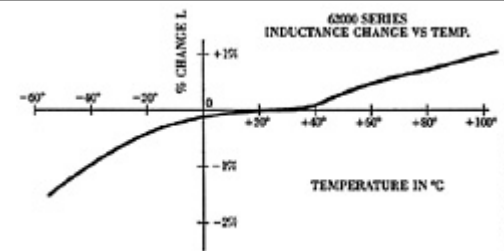
Ordering Instructions: No minimum. Net 30 days

F.O.B. Pelham, New York

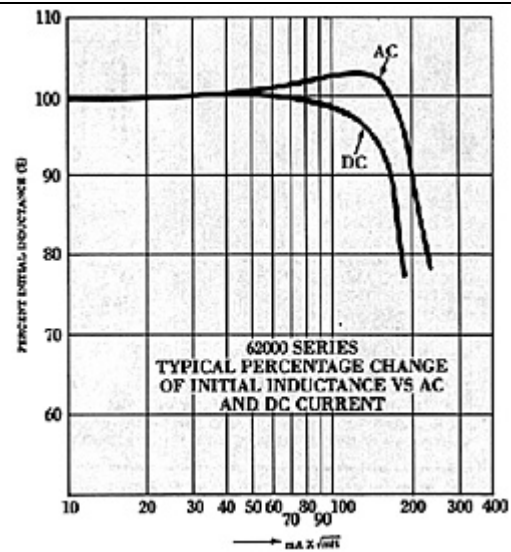
62000 Series



[Larger Size 62000 Series Graphs](#)

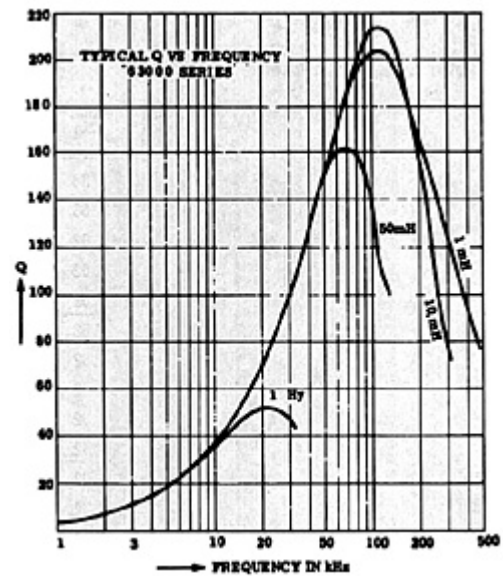


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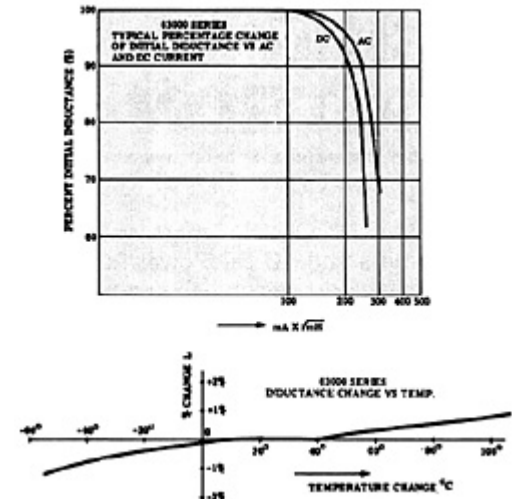


[Larger Size 62000 Series Graphs](#)

63000 Series

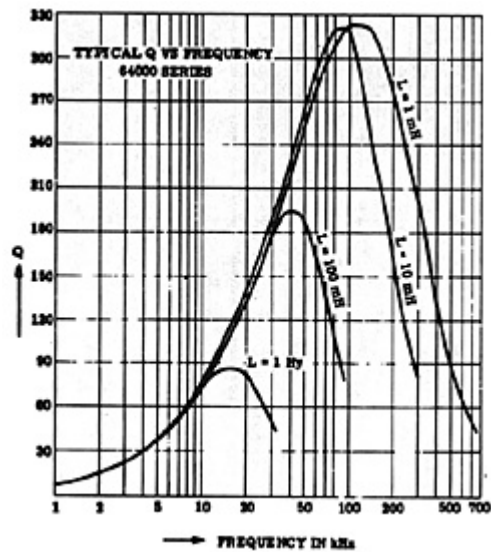


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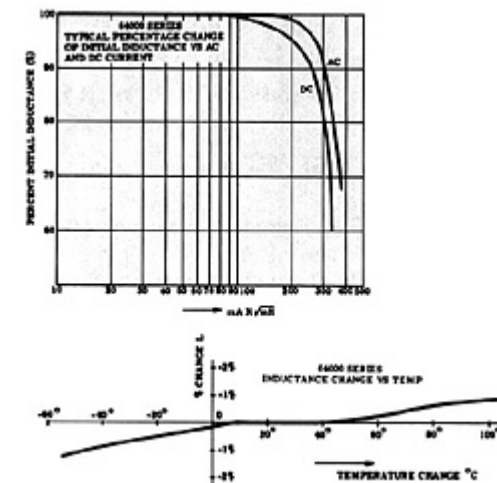


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64000 Series

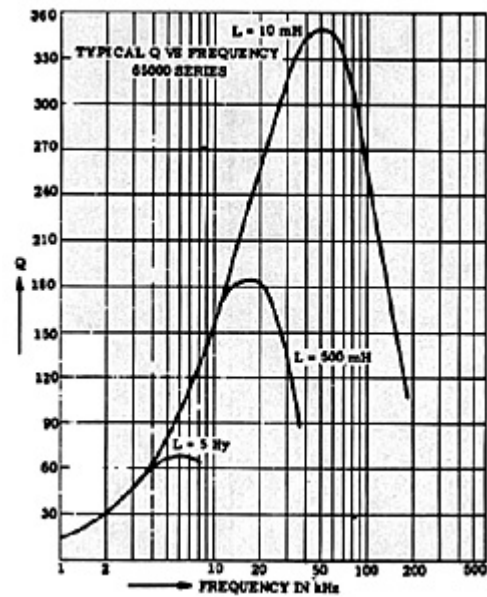


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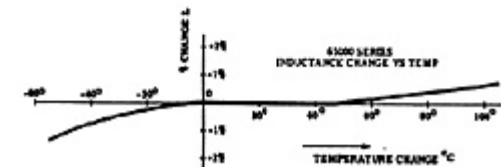
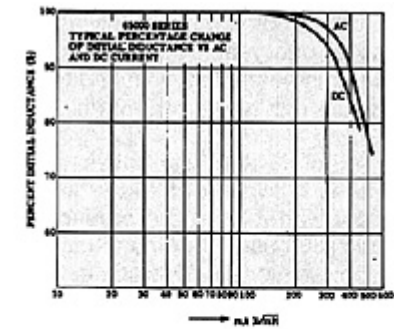


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65000 Series

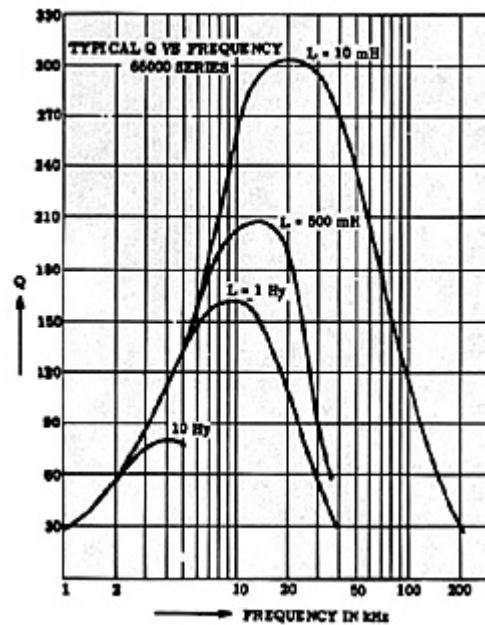


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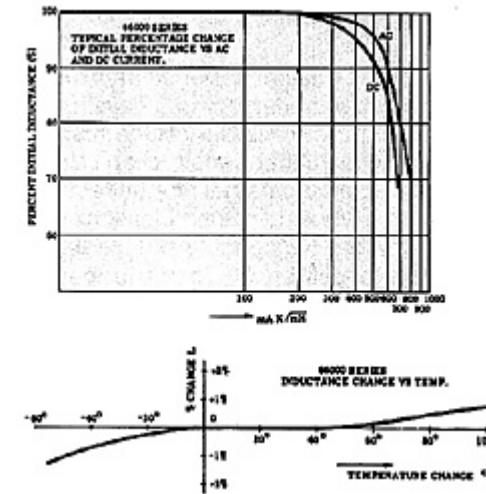


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66000 Series



[Larger Size 66000 Series Graphs](#)



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