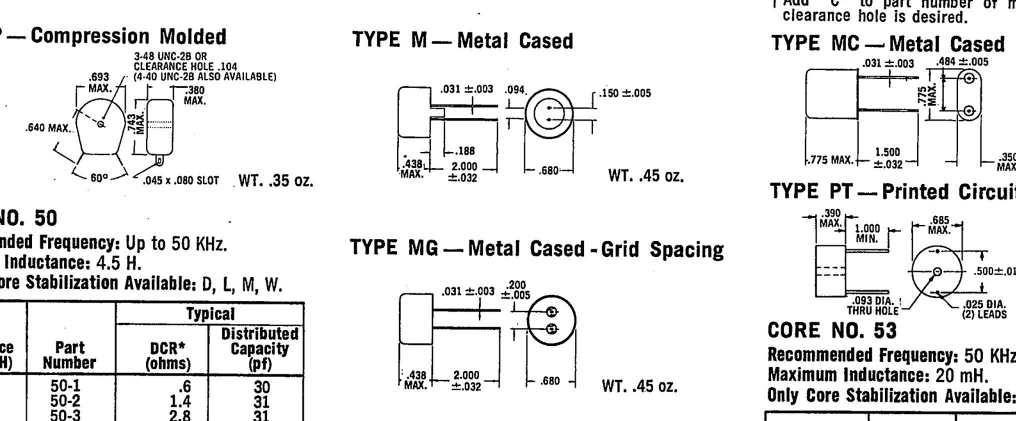
MINIATURE INDUCTORS

Mechanical Tolerance: ±.015 unless otherwise indicated.

WHEN ORDERING, ADD CASE PREFIX (TYPE) TO PART NUMBER.†
EXAMPLE: U 55-1
CASE TYPE — U; PART NUMBER — 55-1
SEE PAGE 5 FOR SPECIAL ORDERING

† Add "C" to part number of molded inductor if clearance hole is desired.

TYPE P — Compression Molded



WT. .35 oz.

TYPE M — Metal Cased

WT. .45 oz.

TYPE MG — Metal Cased - Grid Spacing

WT. .45 oz.

TYPE MC — Metal Cased

WT. .45 oz.

TYPE PT — Printed Circuit

WT. .35 OZ.

CORE NO. 50

Recommended Frequency: Up to 50 KHz.
Maximum Inductance: 4.5 H.
Special Core Stabilization Available: D, L, M, W.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
1.0	50-1	.6	30
2.5	50-2	1.4	31
5.0	50-3	2.8	31
6.0	50-40	3.3	32
7.2	50-41	3.9	32
7.5	50-4	4.1	32
8.6	50-42	4.7	33
10.0	50-5	5.4	33
12.0	50-43	6.5	33
12.5	50-6	6.6	33
15.0	50-7	7.5	34
17.5	50-44	9.4	34
20.0	50-8	10.7	34
24.0	50-45	12.9	34
25.0	50-9	13.5	34
30.0	50-10	16.1	35
36.0	50-46	19.4	35
40.0	50-11	21.5	35
43.0	50-47	23.1	36
50.0	50-12	27.3	36
60.0	50-48	32.6	36
72.0	50-49	38.9	37
75.0	50-13	41.0	37
86.0	50-50	47.0	38
100.0	50-14	54.0	38
120.0	50-51	66.0	38
125.0	50-15	68.0	39
150.0	50-16	81.0	39
175.0	50-53	95.0	40
200.0	50-17	108.0	40
240.0	50-54	130.0	41
250.0	50-52	135.0	41
300.0	50-18	161.0	42
360.0	50-55	194.0	42
400.0	50-19	215.0	43
430.0	50-56	231.0	43
500.0	50-20	268.0	44
600.0	50-57	321.0	44
720.0	50-58	387.0	45
750.0	50-21	403.0	45
860.0	50-59	461.0	46
1.00 H	50-22	536.0	46
1.20 H	50-60	643.0	47
1.25 H	50-61	672.0	47
1.50 H	50-62	804.0	48
1.75 H	50-63	938.0	48
2.00 H	50-64	1103.0	49
2.40 H	50-67	1286.0	50
2.50 H	50-66	1339.0	50
3.00 H	50-65	1607.0	51

CORE NO. 51

Recommended Frequency: 10 KHz to 200 KHz.
Maximum Inductance: 1 H.
Special Core Stabilization Available: D, M, W, L.

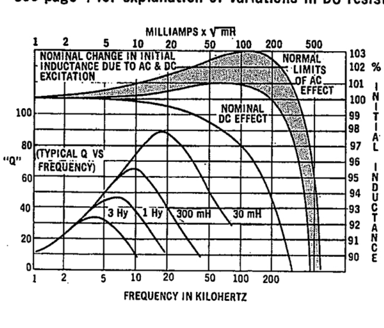
Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
1.00	51-1	1.2	25
1.20	51-2	1.3	25
1.50	51-3	1.7	26
1.75	51-4	1.9	26
2.00	51-5	2.5	26
2.40	51-6	2.7	26
3.00	51-7	3.3	27
3.60	51-8	4.4	27
4.30	51-9	4.7	27
5.00	51-10	5.5	28
6.00	51-11	6.6	28
7.20	51-12	7.8	28
8.60	51-13	9.4	28
10.00	51-14	10.9	28
12.00	51-15	13.1	28
15.00	51-16	16.3	29
17.50	51-17	18.9	29
20.00	51-18	21.7	29
24.00	51-19	26.0	29
30.00	51-20	33.0	29
36.00	51-21	39.0	29
43.00	51-22	47.0	29
50.00	51-23	55.0	30
60.00	51-24	66.0	30
72.00	51-25	78.0	30
86.00	51-26	94.0	30
100.00	51-27	109.0	31
120.00	51-28	130.0	31
150.00	51-29	162.0	31
175.00	51-30	189.0	31
200.00	51-31	217.0	32
240.00	51-32	260.0	32
300.00	51-33	325.0	33
360.00	51-34	389.0	33
430.00	51-35	466.0	34
500.00	51-36	546.0	35

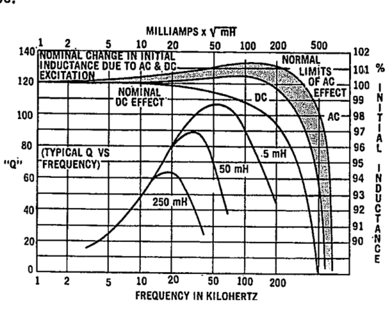
CORE NO. 53

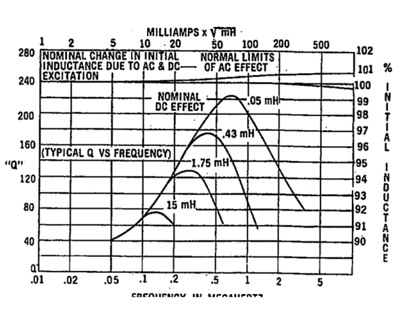
Recommended Frequency: 50 KHz to 2 MHz.
Maximum Inductance: 20 mH.
Only Core Stabilization Available: ±90 PPM/°C

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
0.050	53-1	.42	6
0.060	53-2	.50	6
0.072	53-3	.60	6
0.075	53-4	.61	6
0.086	53-5	.72	6
0.100	53-6	.78	6
0.120	53-7	.89	6
0.125	53-8	.94	6
0.150	53-9	1.17	7
0.175	53-10	1.26	7
0.200	53-11	1.72	7
0.240	53-12	2.02	7
0.250	53-13	2.08	8
0.300	53-14	2.28	8
0.360	53-15	2.44	8
0.400	53-16	3.20	8
0.430	53-17	3.30	8
0.500	53-18	4.80	8
0.600	53-19	5.60	8
0.720	53-20	5.90	8
0.750	53-21	7.40	8
0.860	53-22	7.50	8
1.000	53-23	10.10	8
1.200	53-24	11.30	8
1.250	53-25	11.40	8
1.500	53-26	12.50	8
1.750	53-27	13.50	9
2.000	53-28	18.20	9
2.400	53-29	19.90	9
2.500	53-30	20.80	9
3.000	53-31	23.10	9
3.600	53-32	23.20	9
4.000	53-33	25.90	9
4.300	53-34	27.10	9
5.000	53-35	36.00	9
6.000	53-36	39.00	9
7.200	53-37	51.00	9
7.500	53-38	52.00	9
8.600	53-39	57.00	9
10.000	53-40	64.00	9
12.000	53-41	86.00	9
12.500	53-42	94.00	9
15.000	53-43	104.00	9

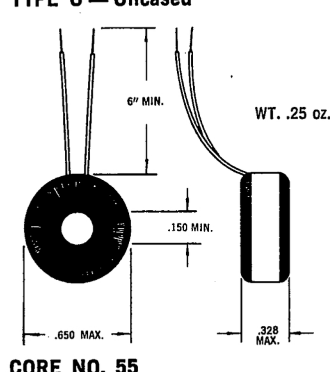
* See page 4 for explanation of variations in DC resistance.





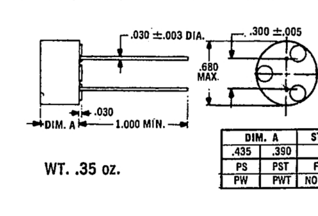


TYPE U — Uncased



WT. .25 oz.

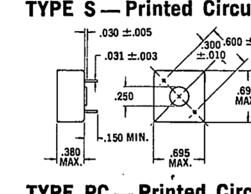
TYPE PS/PST/PW/PWT — Printed Circuit



DIM. A		STYLE
.435	.390	
PS	PST	FEET
PW	PWT	NO FEET

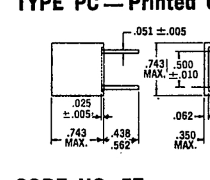
WT. .35 oz.

TYPE S — Printed Circuit



WT. .35 oz.

TYPE PC — Printed Circuit



WT. .35 oz.

CORE NO. 55

Recommended Frequency: Up to 50 KHz.
Maximum Inductance: 5 H.
Special Core Stabilization: D, W, M, L.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
1.20	55-1	0.50	30
1.50	55-2	0.71	30
1.75	55-3	0.77	32
2.00	55-4	0.82	32
2.40	55-5	1.13	32
3.00	55-6	1.26	34
3.60	55-7	1.38	34
4.30	55-8	1.51	34
5.00	55-9	1.63	34
6.00	55-10	2.32	34
7.20	55-11	3.20	36
8.60	55-12	3.51	36
10.00	55-13	4.68	36
12.00	55-14	5.11	36
15.00	55-15	5.72	36
17.50	55-16	7.60	38
20.00	55-17	8.12	38
24.00	55-18	8.89	38
30.00	55-19	12.30	38
36.00	55-20	13.40	40
43.00	55-21	18.20	40
50.00	55-22	19.60	40
60.00	55-23	27.00	42
72.00	55-24	29.60	42
86.00	55-25	40.70	42
100.00	55-26	43.90	42
120.00	55-27	48.10	44
150.00	55-28	71.50	44
175.00	55-29	77.30	44
200.00	55-30	82.60	46
240.00	55-31	117.00	46
300.00	55-32	131.00	46
360.00	55-33	143.00	48
430.00	55-34	196.00	48
500.00	55-35	211.00	48
600.00	55-36	292.00	50
720.00	55-37	320.00	50
860.00	55-38	350.00	52
1.00 H	55-39	475.00	52
1.20 H	55-40	520.00	54
1.50 H	55-41	735.00	54
1.75 H	55-42	794.00	54
2.00 H	55-43	1080.00	56
2.40 H	55-44	1180.00	56
3.00 H	55-45	1320.00	56

CORE NO. 56

Recommended Frequency: Up to 40 KHz.
Maximum Inductance: 7 H.
Special Core Stabilization: D, W, M, L.

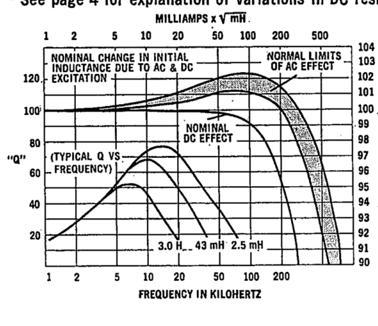
Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
1.50	56-1	0.50	36
1.75	56-2	0.54	36
2.00	56-3	0.58	36
2.40	56-4	0.80	36
3.00	56-5	0.90	38
3.60	56-6	1.23	38
4.30	56-7	1.35	38
5.00	56-8	1.46	38
6.00	56-9	1.60	38
7.20	56-10	2.27	40
8.60	56-11	3.13	40
10.00	56-12	3.38	40
12.00	56-13	3.70	42
15.00	56-14	5.11	42
17.50	56-15	5.53	42
20.00	56-16	5.90	44
24.00	56-17	7.95	44
30.00	56-18	8.89	44
36.00	56-19	12.00	46
43.00	56-20	13.10	46
50.00	56-21	14.10	46
60.00	56-22	19.20	46
72.00	56-23	26.40	48
86.00	56-24	28.90	48
100.00	56-25	31.20	48
120.00	56-26	43.00	50
150.00	56-27	48.10	50
175.00	56-28	51.90	52
200.00	56-29	73.90	52
240.00	56-30	80.90	54
300.00	56-31	117.00	54
360.00	56-32	128.00	54
430.00	56-33	140.00	56
500.00	56-34	189.00	56
600.00	56-35	207.00	58
720.00	56-36	286.00	58
860.00	56-37	313.00	60
1.00 H	56-38	337.00	60
1.20 H	56-39	369.00	62
1.50 H	56-40	520.00	62
1.75 H	56-41	710.00	64
2.00 H	56-42	759.00	64
2.40 H	56-43	832.00	66
3.00 H	56-44	1180.00	66
3.60 H	56-45	1290.00	66

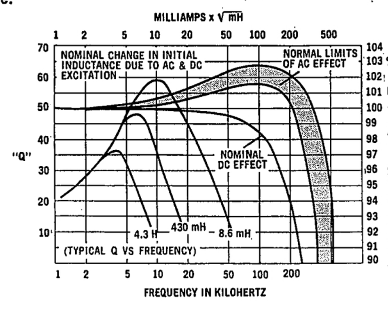
CORE NO. 57

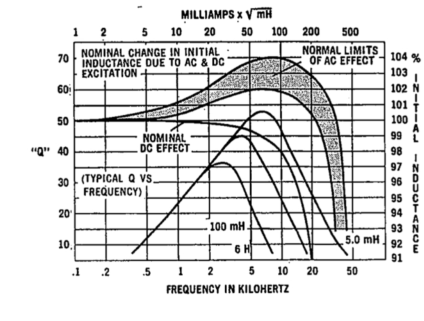
Recommended Frequency: Up to 20 KHz.
Maximum Inductance: 10 H.
Special Core Stabilization: L.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
2.0	57-1	0.48	40
2.4	57-2	0.52	40
3.0	57-3	0.74	42
3.6	57-4	0.81	42
4.3	57-5	1.11	42
5.0	57-6	1.19	44
6.0	57-7	1.31	44
7.2	57-8	1.43	44
8.6	57-9	1.56	46
10.0	57-10	2.19	46
12.0	57-11	2.40	46
15.0	57-12	3.40	46
17.5	57-13	3.66	48
20.0	57-14	4.84	48
24.0	57-15	5.30	50
30.0	57-16	7.29	50
36.0	57-17	7.99	52
43.0	57-18	8.73	52
50.0	57-19	11.60	54
60.0	57-20	12.70	54
72.0	57-21	13.90	56
86.0	57-22	18.80	56
100.0	57-23	20.30	56
120.0	57-24	28.00	58
150.0	57-25	31.30	58
175.0	57-26	42.60	60
200.0	57-27	45.50	62
240.0	57-28	49.80	62
300.0	57-29	74.10	64
360.0	57-30	81.20	64
430.0	57-31	115.00	64
500.0	57-32	124.00	66
600.0	57-33	136.00	66
720.0	57-34	186.00	66
860.0	57-35	203.00	68
1.00 H	57-36	219.00	68
1.20 H	57-37	303.00	70
1.50 H	57-38	338.00	72
1.75 H	57-39	366.00	72
2.00 H	57-40	492.00	74
2.40 H	57-41	682.00	74
3.00 H	57-42	762.00	74
3.60 H	57-43	835.00	76
4.30 H	57-44	1160.00	76
5.00 H	57-45	1250.00	76

* See page 4 for explanation of variations in DC resistance.







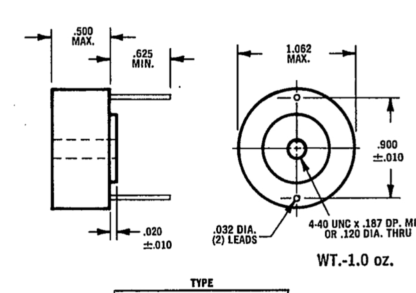
TOROIDAL INDUCTORS

Studs are available on the "M" Series on special request.
Mechanical Tolerance: ±.015 unless otherwise indicated.

WHEN ORDERING, ADD CASE PREFIX (TYPE) TO PART NUMBER.†
EXAMPLE: U 24-1
CASE TYPE — U; PART NUMBER — 24-1
SEE PAGE 5 FOR SPECIAL ORDERING

† Add "C" to Part Number of molded inductor if clearance hole is desired.

TYPE PS/PF/PFC/PSC — P.C. Mount

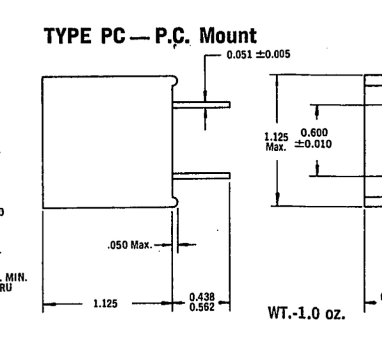


WT.-1.0 oz.

TYPE PREFIX TABLE

4-40 UNC	THRU HOLE	STYLE
PS	PSC	NO FOOT
PF	PFC	WITH FOOT

TYPE PC — P.C. Mount



WT.-1.0 oz.

CORE NO. 06

Recommended Frequency: Up to 30 KHz
Maximum Inductance: 7.2 H.
Special Core Stabilization Available: B, D, L, M, W.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
5.0	06-1	1.05	40
6.0	06-40	1.26	42
7.2	06-41	1.51	43
7.5	06-2	1.58	43
8.6	06-42	1.80	43
10.0	06-3	2.10	44
12.0	06-43	2.52	44
12.5	06-4	2.63	44
15.0	06-5	3.15	44
17.5	06-44	3.67	45
20.0	06-6	4.20	45
24.0	06-45	5.04	45
25.0	06-7	5.25	46
30.0	06-8	6.30	46
36.0	06-46	7.56	47
40.0	06-9	8.40	48
43.0	06-47	9.03	48
50.0	06-10	10.50	48
60.0	06-48	12.60	49
72.0	06-49	15.10	49
75.0	06-11	15.80	49
86.0	06-50	18.00	49
100.0	06-12	21.00	50
120.0	06-51	25.20	50
125.0	06-13	26.30	51
150.0	06-14	31.50	51
175.0	06-53	36.80	51
200.0	06-15	42.00	52
240.0	06-54	50.40	52
250.0	06-52	52.50	52
300.0	06-16	63.00	53
360.0	06-55	75.60	53
400.0	06-17	84.00	54
430.0	06-56	90.30	54
500.0	06-18	105.00	55
600.0	06-57	126.00	55
720.0	06-58	151.00	55
750.0	06-19	158.00	56
860.0	06-59	180.00	56
1.00 H	06-20	210.00	57
1.20 H	06-60	252.00	57
1.25 H	06-21	263.00	57
1.50 H	06-22	315.00	58
1.75 H	06-61	368.00	58
2.00 H	06-23	420.00	58
2.40 H	06-62	504.00	59
2.50 H	06-69	525.00	59
3.00 H	06-24	630.00	59
3.60 H	06-70	756.00	60
4.30 H	06-71	840.00	60
5.00 H	06-72	903.00	61
6.00 H	06-73	1260.00	62
7.20 H	06-74	1512.00	62

CORE NO. 48

Recommended Frequency: Up to 100 KHz.
Maximum Inductance: 1 H.
Special Core Stabilization Available: B, D, M, W, L.

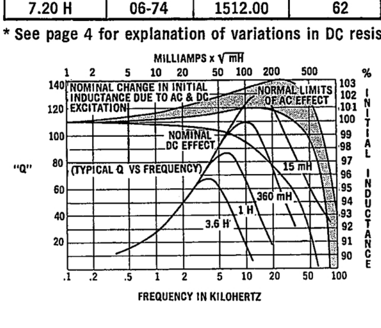
Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
2.0	48-1	0.84	30
2.4	48-2	1.01	31
3.0	48-3	1.26	31
3.6	48-4	1.51	32
4.3	48-5	1.80	32
5.0	48-6	2.10	33
6.0	48-7	2.50	33
7.2	48-8	3.02	34
8.6	48-9	3.61	34
10.0	48-10	4.20	35
12.0	48-11	5.05	35
15.0	48-12	6.30	36
17.5	48-13	7.35	36
20.0	48-14	8.40	37
24.0	48-15	10.10	37
30.0	48-16	12.60	38
36.0	48-17	15.10	39
43.0	48-18	18.00	39
50.0	48-19	21.00	40
60.0	48-20	25.20	41
72.0	48-21	30.20	42
86.0	48-22	36.10	43
100.0	48-23	42.00	44
120.0	48-24	50.40	45
150.0	48-25	63.00	46
175.0	48-26	73.50	47
200.0	48-27	84.00	48
240.0	48-28	101.00	49
300.0	48-29	126.00	50
360.0	48-30	151.00	51
430.0	48-31	180.00	52
500.0	48-32	210.00	53
600.0	48-33	252.00	54

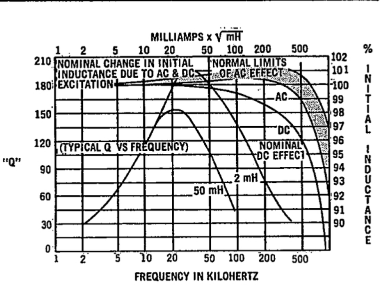
CORE NO. 74

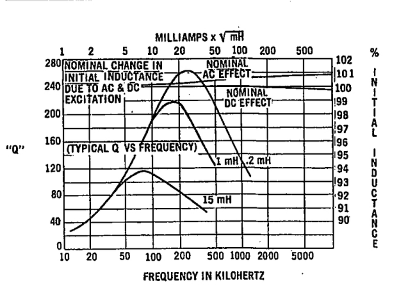
Recommended Frequency: 25 KHz to 1 MHz.
Maximum Inductance: 30 mH.
Only Core Stabilization Available: H.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
0.100	74-1	0.31	18
0.120	74-2	0.36	18
0.125	74-3	0.39	19
0.150	74-4	0.46	19
0.175	74-5	0.55	20
0.200	74-6	0.62	20
0.240	74-7	0.74	20
0.250	74-8	0.77	21
0.300	74-9	0.92	21
0.360	74-10	1.11	21
0.400	74-11	1.23	21
0.430	74-12	1.33	22
0.500	74-13	1.54	22
0.600	74-14	1.85	22
0.720	74-15	2.21	23
0.750	74-16	2.31	23
0.860	74-17	2.65	23
1.000	74-18	3.08	23
1.200	74-19	3.60	24
1.250	74-20	3.80	24
1.500	74-21	4.60	24
1.750	74-22	5.50	25
2.000	74-23	6.20	25
2.400	74-24	7.40	25
2.500	74-25	7.70	26
3.000	74-26	9.20	26
3.600	74-27	11.10	27
4.000	74-28	12.30	27
4.300	74-29	13.30	28
5.000	74-30	15.40	28
6.000	74-31	18.50	29
7.200	74-32	22.10	29
7.500	74-33	23.10	30
8.600	74-34	26.50	30
10.000	74-35	30.80	31
12.000	74-36	36.90	32
12.250	74-37	38.50	33
15.000	74-38	46.20	33
17.500	74-39	53.90	34
20.000	74-40	61.60	35

* See page 4 for explanation of variations in DC resistance.

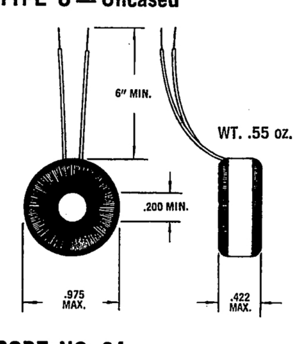






TOROIDAL INDUCTORS

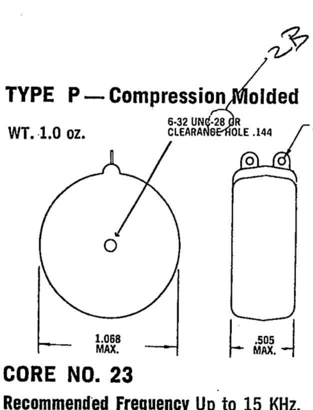
TYPE U — Uncased



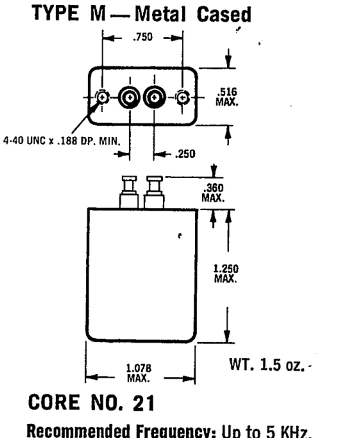
WT. .55 oz.

TYPE P — Compression Molded

WT. 1.0 oz.



TYPE M — Metal Cased



WT. 1.5 oz.

CORE NO. 24

Recommended Frequency: Up to 20 KHz
Maximum Inductance: 12 H.
Special Core Stabilization: D, W, M, L.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
6.0	24-1	0.88	40
7.2	24-2	0.97	40
8.6	24-3	1.33	42
10.0	24-4	1.44	42
12.0	24-5	1.80	42
15.0	24-6	2.01	44
17.5	24-7	2.74	44
20.0	24-8	2.93	44
24.0	24-9	3.21	44
30.0	24-10	5.20	46
36.0	24-11	5.70	46
43.0	24-12	6.23	46
50.0	24-13	8.31	46
60.0	24-14	9.10	48
72.0	24-15	9.97	48
86.0	24-16	13.50	48
100.0	24-17	14.50	50
120.0	24-18	20.00	50
150.0	24-19	22.40	50
175.0	24-20	30.80	52
200.0	24-21	32.90	52
240.0	24-22	36.10	52
300.0	24-23	52.50	54
360.0	24-24	57.50	54
430.0	24-25	62.90	56
500.0	24-26	87.00	56
600.0	24-27	95.30	56
720.0	24-28	104.00	58
860.0	24-29	142.00	58
1.00 H	24-30	153.00	58
1.20 H	24-31	212.00	60
1.50 H	24-32	237.00	62
1.75 H	24-33	256.00	62
2.00 H	24-34	345.00	64
2.40 H	24-35	376.00	64
3.00 H	24-36	522.00	64
3.60 H	24-37	572.00	66
4.30 H	24-38	768.00	66
5.00 H	24-39	861.00	68
6.00 H	24-40	1150.00	68
7.20 H	24-41	1260.00	68
8.60 H	24-42	1740.00	70

CORE NO. 23

Recommended Frequency Up to 15 KHz.
Maximum Inductance: 15 H.
Special Core Stabilization: D, W, M, L.

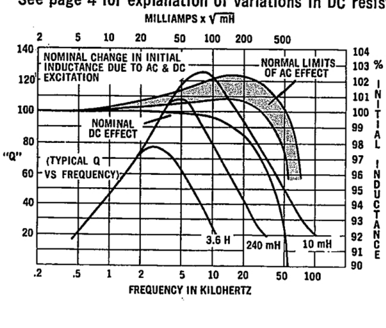
Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
7.2	23-1	0.86	44
8.6	23-2	0.94	44
10.0	22-3	1.29	44
12.0	23-4	1.41	46
15.0	23-5	1.80	46
17.5	23-6	1.95	46
20.0	23-7	2.08	46
24.0	23-8	2.87	48
30.0	23-9	3.21	48
36.0	23-10	5.09	48
43.0	23-11	5.56	48
50.0	23-12	6.00	48
60.0	23-13	8.13	50
72.0	23-14	8.91	50
86.0	23-15	9.73	50
100.0	23-16	13.00	52
120.0	23-17	14.20	52
150.0	23-18	20.00	54
175.0	23-19	21.60	54
200.0	23-20	23.10	54
240.0	23-21	32.20	56
300.0	23-22	36.00	56
360.0	23-23	51.40	58
430.0	23-24	56.20	58
500.0	23-25	60.60	60
600.0	23-26	85.20	60
720.0	23-27	93.30	62
860.0	23-28	102.00	64
1.00 H	23-29	137.00	64
1.20 H	23-30	150.00	66
1.50 H	23-31	211.00	66
1.75 H	23-32	228.00	68
2.00 H	23-33	244.00	68
2.40 H	23-34	336.00	68
3.00 H	23-35	376.00	70
3.60 H	23-36	511.00	72
4.30 H	23-37	559.00	74
5.00 H	23-38	602.00	74
6.00 H	23-39	842.00	76
7.20 H	23-40	1130.00	78
8.60 H	23-41	1230.00	80
10.00 H	23-42	1680.00	82

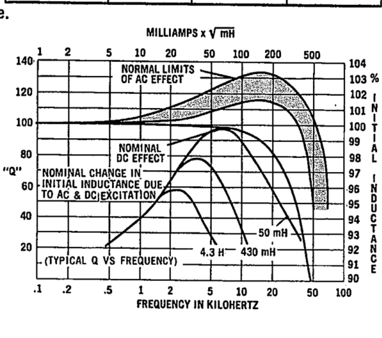
CORE NO. 21

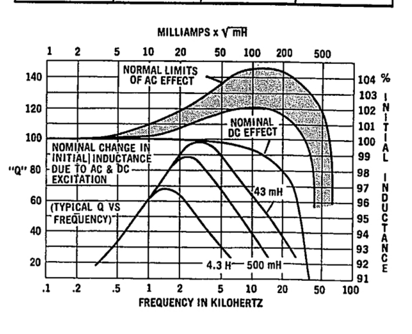
Recommended Frequency: Up to 5 KHz.
Maximum Inductance: 20 H.
Special Core Stabilization: L.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
10.0	21-1	0.83	50
12.0	21-2	0.91	52
15.0	21-3	1.29	52
17.5	21-4	1.39	54
20.0	21-5	1.70	54
24.0	21-6	1.86	54
30.0	21-7	2.08	56
36.0	21-8	2.87	56
43.0	21-9	3.14	58
50.0	21-10	4.91	58
60.0	21-11	5.38	60
72.0	21-12	5.89	60
86.0	21-13	7.96	62
100.0	21-14	8.58	62
120.0	21-15	9.40	64
150.0	21-16	13.00	64
175.0	21-17	14.00	64
200.0	21-18	15.00	66
240.0	21-19	20.70	66
300.0	21-20	23.20	66
360.0	21-21	32.30	68
430.0	21-22	35.20	68
500.0	21-23	38.00	70
600.0	21-24	54.30	70
720.0	21-25	59.40	72
860.0	21-26	83.40	74
1.00 H	21-27	90.00	74
1.20 H	21-28	98.50	76
1.50 H	21-29	137.00	76
1.75 H	21-30	148.00	76
2.00 H	21-31	199.00	78
2.40 H	21-32	219.00	78
3.00 H	21-33	244.00	80
3.60 H	21-34	337.00	80
4.30 H	21-35	368.00	82
5.00 H	21-36	492.00	84
6.00 H	21-37	540.00	84
7.20 H	21-38	591.00	86
8.60 H	21-39	825.00	86
10.00 H	21-40	1090.00	88
12.00 H	21-41	1190.00	88
15.00 H	21-42	1680.00	90

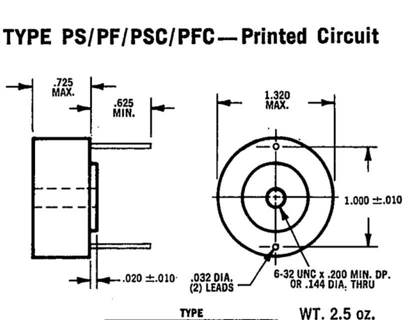
* See page 4 for explanation of variations in DC resistance.







TYPE PS/PF/PSC/PFC — Printed Circuit

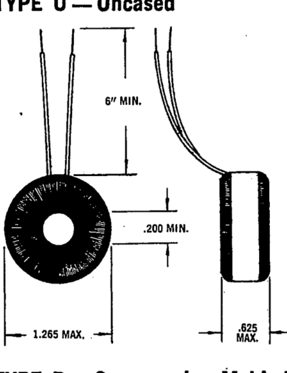


WT. 2.5 oz.

TYPE PREFIX TABLE

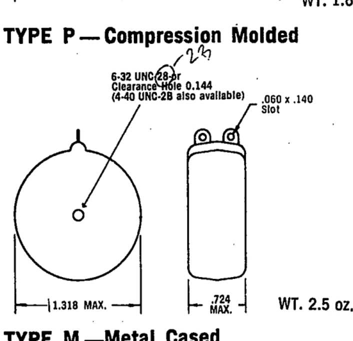
6-32 UNC	THRU HOLE	STYLE
PS	PSC	NO FOOT
PF	PFC	WITH FOOT

TYPE U — Uncased



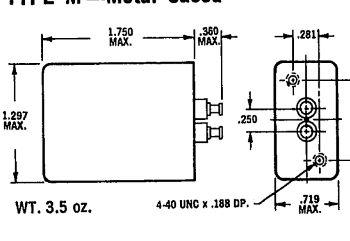
WT. 1.6 oz.

TYPE P — Compression Molded



WT. 2.5 oz.

TYPE M — Metal Cased



WT. 3.5 oz.

Mechanical Tolerance: ±.015 unless otherwise Indicated.
Studs are available on the "M" Series on special request.

CORE NO. 30

Recommended Frequency: Up to 20 KHz.
Maximum Inductance: 17.5 H.
Special Core Stabilization Available: B, D, L, M, W.

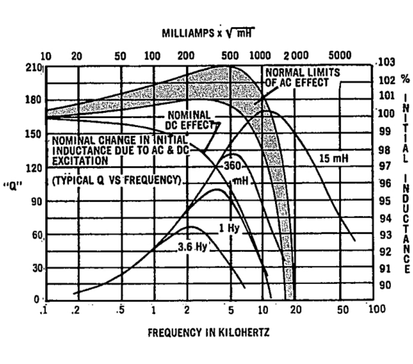
Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
5.0	30-1	0.53	63
6.0	30-40	0.63	64
7.2	30-41	0.76	65
7.5	30-2	0.79	66
8.6	30-42	0.90	67
10.0	30-3	1.05	68
12.0	30-43	1.26	69
12.5	30-4	1.31	69
15.0	30-5	1.58	70
17.5	30-44	1.84	71
20.0	30-6	2.10	72
24.0	30-45	2.52	73
25.0	30-7	2.63	73
30.0	30-8	3.15	75
36.0	30-46	3.78	76
40.0	30-9	4.20	77
43.0	30-47	4.52	78
50.0	30-10	5.25	79
60.0	30-48	6.30	80
72.0	30-49	7.56	81
75.0	30-11	7.86	81
86.0	30-50	9.03	82
100.0	30-12	10.50	83
120.0	30-51	12.60	84
125.0	30-13	13.10	84
150.0	30-14	15.80	85
175.0	30-53	18.40	86
200.0	30-15	21.00	87
240.0	30-54	25.20	88
250.0	30-52	26.30	88
300.0	30-16	31.50	89
360.0	30-55	37.80	90
400.0	30-17	42.00	91
430.0	30-56	45.20	91
500.0	30-18	52.50	92
600.0	30-57	63.00	93
720.0	30-58	75.60	94
750.0	30-19	78.70	96
860.0	30-59	90.30	97
1.00 H	30-20	105.00	98
1.20 H	30-60	126.00	99
1.25 H	30-21	131.30	99
1.50 H	30-22	157.50	100
1.75 H	30-61	183.80	101
2.00 H	30-23	210.00	102
2.40 H	30-62	252.00	103
2.50 H	30-69	262.50	103
3.00 H	30-24	315.00	104
3.60 H	30-63	378.00	106
4.00 H	30-25	420.00	107
4.30 H	30-64	451.50	108
5.00 H	30-26	525.00	109
6.00 H	30-65	630.00	110
7.20 H	30-66	756.00	111
7.50 H	30-27	787.50	112
8.60 H	30-67	903.00	113
10.00 H	30-28	1050.00	114
12.00 H	30-68	1260.00	115
12.50 H	30-29	1312.50	116
15.00 H	30-30	1575.00	117
17.50 H	30-31	1837.50	118

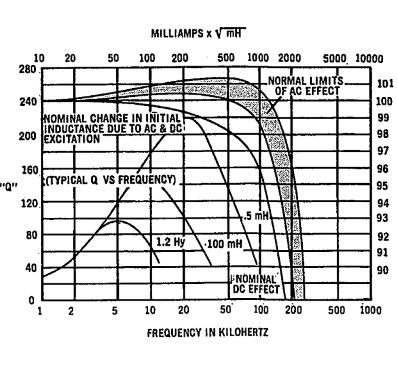
* See page 4 for explanation of variations in DC resistance.

CORE NO. 94

Recommended Frequency: Up to 75 KHz.
Maximum Inductance: 1 H.
Special Core Stabilization Available: B, D, M, W, L.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
5.0	94-1	1.05	32
6.0	94-2	1.26	32
7.2	94-3	1.51	33
7.5	94-4	1.58	34
8.6	94-5	1.80	35
10.0	94-6	2.10	35
12.0	94-7	2.52	36
12.5	94-8	2.63	37
15.0	94-9	3.15	38
17.5	94-10	3.67	39
20.0	94-11	4.20	40
24.0	94-12	5.04	41
25.0	94-13	5.25	41
30.0	94-14	6.30	42
36.0	94-15	7.56	43
40.0	94-16	8.40	44
43.0	94-17	9.03	44
50.0	94-18	10.50	45
60.0	94-19	12.60	46
72.0	94-20	15.10	46
75.0	94-21	15.80	47
86.0	94-22	18.00	47
100.0	94-23	21.00	48
120.0	94-24	25.20	49
125.0	94-25	26.30	49
150.0	94-26	31.50	50
175.0	94-27	36.80	51
200.0	94-28	42.00	52
240.0	94-29	50.40	53
250.0	94-30	52.50	54
300.0	94-31	63.00	54
360.0	94-32	75.60	56
400.0	94-33	84.00	57
430.0	94-34	90.00	57
500.0	94-35	105.00	57
600.0	94-36	126.00	58
720.0	94-37	151.00	58
750.0	94-38	158.00	59
860.0	94-39	181.00	59





CORE NO. 28

Recommended Frequency: Up to 35 KHz.
Maximum Inductance: 25 H.
Special Core Stabilization: D, W, M, L.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
7.2	28-1	0.64	60
8.6	28-2	0.70	64
10.0	28-3	0.97	66
12.0	28-4	1.06	68
15.0	28-5	1.19	70
17.5	28-6	1.66	74
20.0	28-7	1.78	76
24.0	28-8	1.95	78
30.0	28-9	2.57	80
36.0	28-10	2.82	84
43.0	28-11	3.86	86
50.0	28-12	4.16	88
60.0	28-13	4.55	90
72.0	28-14	6.33	94
86.0	28-15	6.91	96
100.0	28-16	9.36	98
120.0	28-17	10.30	100
150.0	28-18	11.50	102
175.0	28-19	16.20	104
200.0	28-20	17.30	106
240.0	28-21	18.90	108
300.0	28-22	26.50	110
360.0	28-23	29.00	114
430.0	28-24	31.70	116
500.0	28-25	42.10	118
600.0	28-26	46.20	120
720.0	28-27	64.50	124
860.0	28-28	70.50	126
1.00 H	28-29	93.90	128
1.20 H	28-30	103.00	130
1.50 H	28-31	115.00	134
1.75 H	28-32	154.00	136
2.00 H	28-33	164.00	140
2.40 H	28-34	229.00	144
3.00 H	28-35	256.00	146
3.60 H	28-36	281.00	148
4.30 H	28-37	388.00	150
5.00 H	28-38	419.00	152
6.00 H	28-39	510.00	154
7.20 H	28-40	624.00	156
8.60 H	28-41	682.00	158
10.00 H	28-42	930.00	160
12.00 H	28-43	1020.00	164
15.00 H	28-44	1440.00	166
17.50 H	28-45	1550.00	168
20.00 H	28-46	1660.00	170

CORE NO. 27

Recommended Frequency: Up to 20 KHz.
Maximum Inductance: 30 H.
Special Core Stabilization: D, W, M, L.

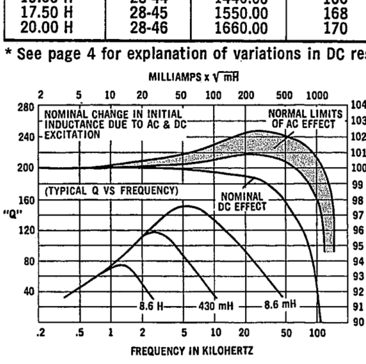
Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
8.6	27-1	0.63	60
10.0	27-2	0.68	64
12.0	27-3	0.95	66
15.0	27-4	1.06	68
17.5	27-5	1.15	70
20.0	27-6	1.59	74
24.0	27-7	1.74	76
30.0	27-8	1.95	78
36.0	27-9	2.52	80
43.0	27-10	2.76	84
50.0	27-11	2.97	86
60.0	27-12	4.07	88
72.0	27-13	4.46	90
86.0	27-14	6.18	94
100.0	27-15	6.67	96
120.0	27-16	7.30	98
150.0	27-17	10.30	100
175.0	27-18	11.10	102
200.0	27-19	15.50	104
240.0	27-20	16.90	106
300.0	27-21	18.90	108
360.0	27-22	26.00	110
430.0	27-23	28.40	114
500.0	27-24	37.70	116
600.0	27-25	41.30	118
720.0	27-26	45.30	120
860.0	27-27	63.10	124
1.00 H	27-28	68.00	126
1.20 H	27-29	74.50	128
1.50 H	27-30	103.00	130
1.75 H	27-31	111.00	134
2.00 H	27-32	147.00	136
2.40 H	27-33	161.00	140
3.00 H	27-34	229.00	144
3.60 H	27-35	251.00	146
4.30 H	27-36	274.00	148
5.00 H	27-37	374.00	150
6.00 H	27-38	410.00	152
7.20 H	27-39	559.00	154
8.60 H	27-40	611.00	156
10.00 H	27-41	659.00	158
12.00 H	27-42	912.00	160
15.00 H	27-43	1020.00	164
17.50 H	27-44	1390.00	166
20.00 H	27-45	1490.00	168
24.00 H	27-46	1630.00	170

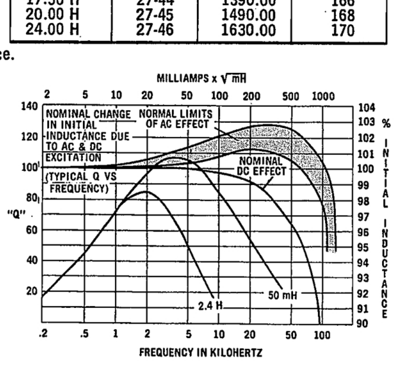
CORE NO. 25

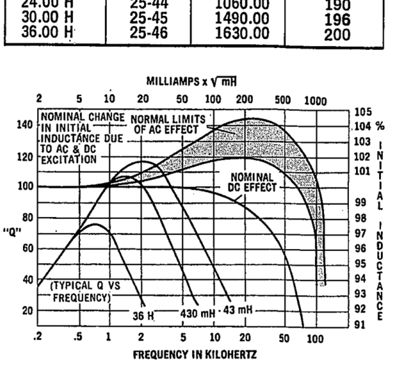
Recommended Frequency: Up to 5 KHz.
Maximum Inductance: 40 H.
Special Core Stabilization: L.

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
12.0	25-1	0.60	80
15.0	25-2	0.67	84
17.5	25-3	0.94	86
20.0	25-4	1.00	88
24.0	25-5	1.10	90
30.0	25-6	1.59	94
36.0	25-7	1.74	96
43.0	25-8	1.91	98
50.0	25-9	2.42	100
60.0	25-10	2.66	104
72.0	25-11	2.91	106
86.0	25-12	3.98	108
100.0	25-13	4.29	110
120.0	25-14	5.96	112
150.0	25-15	6.67	114
175.0	25-16	7.20	116
200.0	25-17	9.67	118
240.0	25-18	10.60	120
300.0	25-19	15.50	124
360.0	25-20	16.90	126
430.0	25-21	18.50	128
500.0	25-22	25.00	130
600.0	25-23	27.40	132
720.0	25-24	30.00	134
860.0	25-25	40.40	136
1.00 H	25-26	43.50	138
1.20 H	25-27	60.80	140
1.50 H	25-28	68.00	144
1.75 H	25-29	73.40	146
2.00 H	25-30	97.00	150
2.40 H	25-31	106.00	154
3.00 H	25-32	147.00	156
3.60 H	25-33	161.00	158
4.30 H	25-34	224.00	160
5.00 H	25-35	241.00	166
6.00 H	25-36	264.00	168
7.20 H	25-37	367.00	170
8.60 H	25-38	401.00	174
10.00 H	25-39	432.00	176
12.00 H	25-40	589.00	178
15.00 H	25-41	658.00	180
17.50 H	25-42	900.00	184
20.00 H	25-43	970.00	186
24.00 H	25-44	1060.00	190
30.00 H	25-45	1490.00	196
36.00 H	25-46	1630.00	200

* See page 4 for explanation of variations in DC resistance.







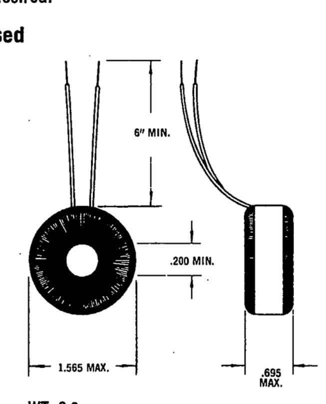
WHEN ORDERING, ADD CASE PREFIX (TYPE) TO PART NUMBER.†
EXAMPLE: U 30-1
CASE TYPE — U; PART NUMBER — 30-1
SEE PAGE 5 FOR SPECIAL ORDERING

† Add "C" to part number of molded inductor if clearance hole is desired.

WHEN ORDERING, ADD CASE PREFIX (TYPE) TO PART NUMBER.†
EXAMPLE: U 84-1
CASE TYPE — U; PART NUMBER — 84-1
SEE PAGE 5 FOR SPECIAL ORDERING

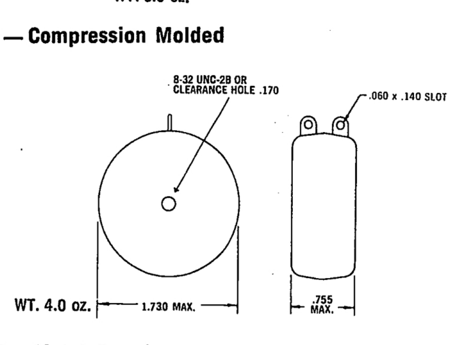
† Add "C" to part number of molded inductor if clearance hole is desired.

TYPE U — Uncased



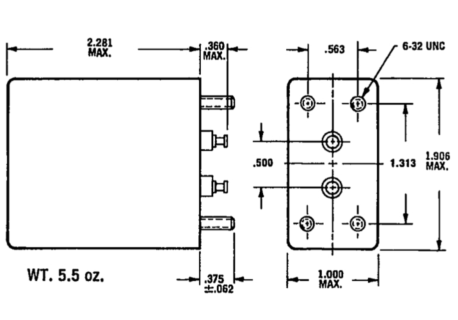
WT. 3.0 oz.

TYPE P — Compression Molded



WT. 4.0 oz.

TYPE M — Metal Cased



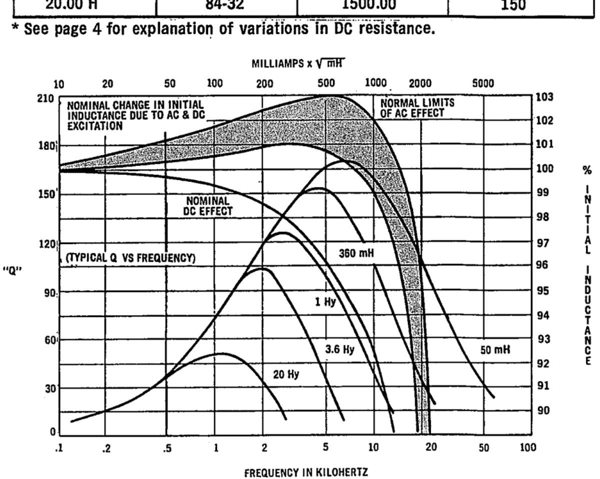
WT. 5.5 oz.

Recommended Frequency: Up to 12 KHz.
Maximum Inductance: 25 H.
Special Core Stabilization Available: B, D, L, M, W.
Mechanical Tolerance: ±.015 unless otherwise indicated.
Inserts are available on the "M" Series on special request.

CORE NO. 84

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
5.0	84-1	0.38	70
6.0	84-40	0.45	71
7.2	84-41	0.54	71
7.5	84-2	0.56	72
8.6	84-42	0.65	73
10.0	84-3	0.75	73
12.0	84-43	0.90	74
12.5	84-4	0.94	75
15.0	84-5	1.13	75
17.5	84-44	1.31	76
20.0	84-6	1.50	76
24.0	84-45	1.80	77
25.0	84-7	1.88	77
30.0	84-8	2.25	77
36.0	84-46	2.70	78
40.0	84-9	3.00	78
43.0	84-47	3.23	78
50.0	84-10	3.75	79
60.0	84-48	4.50	80
72.0	84-49	5.40	81
75.0	84-11	5.63	83
86.0	84-50	6.45	85
100.0	84-12	7.50	87
120.0	84-51	9.00	90
125.0	84-13	9.38	91
150.0	84-14	11.30	93
175.0	84-53	13.10	95
200.0	84-15	15.00	97
240.0	84-54	18.00	99
250.0	84-52	18.80	101
300.0	84-16	22.50	103
360.0	84-55	27.00	105
400.0	84-17	30.00	108
430.0	84-56	32.30	109
500.0	84-18	37.50	110
600.0	84-57	45.00	111
720.0	84-58	54.00	112
750.0	84-19	56.30	113
860.0	84-59	64.50	114
1.00 H	84-20	75.00	115
1.20 H	84-60	90.00	117
1.25 H	84-21	93.80	118
1.50 H	84-22	113.00	120
1.75 H	84-61	132.00	122
2.00 H	84-23	150.00	124
2.40 H	84-62	180.00	126
2.50 H	84-69	188.00	128
3.00 H	84-24	225.00	130
3.60 H	84-63	270.00	132
4.00 H	84-25	300.00	134
4.30 H	84-64	323.00	136
5.00 H	84-26	375.00	137
6.00 H	84-65	450.00	138
7.20 H	84-66	540.00	139
7.50 H	84-27	563.00	140
8.60 H	84-67	645.00	142
10.00 H	84-28	750.00	143
12.00 H	84-68	900.00	145
12.50 H	84-29	938.00	146
15.00 H	84-30	1125.00	147
17.50 H	84-31	1313.00	148
20.00 H	84-32	1500.00	150

* See page 4 for explanation of variations in DC resistance.

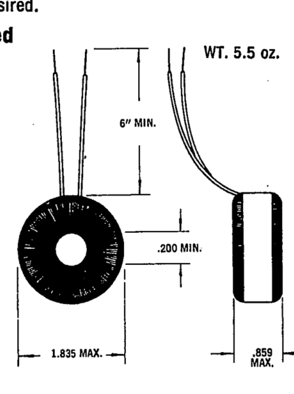


TOROIDAL INDUCTORS

WHEN ORDERING, ADD CASE PREFIX (TYPE) TO PART NUMBER.†
EXAMPLE: U 54-1
CASE TYPE — U; PART NUMBER — 54-1
SEE PAGE 5 FOR SPECIAL ORDERING

† Add "C" to part number of molded inductor if clearance hole is desired.

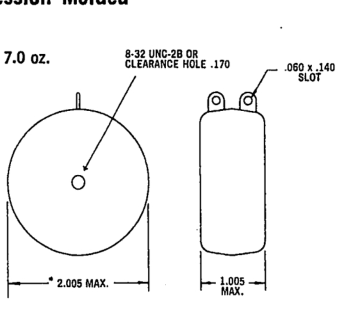
TYPE U — Uncased



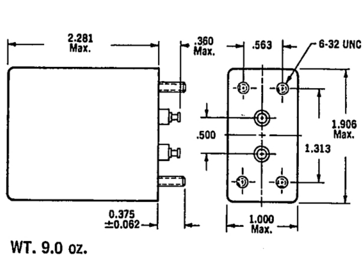
WT. 5.5 oz.

TYPE P — Compression Molded

WT. 7.0 oz.



TYPE M — Metal Cased



WT. 9.0 oz.

Recommended Frequency: Up to 10 KHz.
Maximum Inductance: 75 H.
Special Core Stabilization Available: D, L, M, W.
Mechanical Tolerance: ±.015 unless otherwise indicated.
Inserts are available on the "M" Series on special request.

CORE NO. 54

Inductance ±1% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
17.5	54-71	0.90	92
20.0	54-1	1.00	93
24.0	54-45	1.20	94
25.0	54-2	1.25	95
30.0	54-3	1.50	96
36.0	54-46	1.80	97
40.0	54-4	2.00	98
43.0	54-47	2.15	99
50.0	54-5	2.50	100
60.0	54-48	3.00	101
72.0	54-49	3.60	102
75.0	54-6	3.75	103
86.0	54-50	4.30	104
100.0	54-7	5.00	105
120.0	54-51	6.00	106
125.0	54-8	6.25	107
150.0	54-9	7.50	108
175.0	54-53	8.75	109
200.0	54-10	10.00	110
240.0	54-54	12.00	111
250.0	54-52	12.50	112
300.0	54-11	15.00	113
360.0	54-55	18.00	114
400.0	54-12	20.00	115
430.0	54-56	21.50	116
500.0	54-13	25.00	117
600.0	54-57	30.00	119
720.0	54-58	36.00	120
750.0	54-14	37.50	120
860.0	54-59	43.00	121
1.00 H	54-15	50.00	122
1.20 H	54-60	60.00	123
1.25 H	54-16	62.50	124
1.50 H	54-17	75.00	125
1.75 H	54-61	87.50	127
2.00 H	54-18	100.00	128
2.40 H	54 62	120.00	129
2.50 H	54-69	125.00	130
3.00 H	54-19	150.00	131
3.60 H	54-63	180.00	132
4.00 H	54-20	200.00	133
4.30 H	54-64	215.00	133
5.00 H	54-21	250.00	134
6.00 H	54-65	300.00	135
7.20 H	54-66	360.00	136
7.50 H	54-22	375.00	137
8.60 H	54-67	430.00	138
10.00 H	54-23	500.00	139
12.00 H	54-68	600.00	140
12.50 H	54-24	625.00	141
15.00 H	54-25	750.00	142
17.50 H	54-26	875.00	144
20.00 H	54-27	1000.00	146
24.00 H	54-70	1200.00	147
25.00 H	54-28	1250.00	147
30.00 H	54-29	1500.00	148
36.00 H	54-30	1800.00	149
40.00 H	54-31	2000.00	150

* See page 4 for explanation of variations in DC resistance.