



Ceramic Adjustable R.F. Coils

A complete series of adjustable R.F. coils wound on a new style ceramic form. By molding ceramic terminal rings and the ceramic coil form as one integral unit we have been able to eliminate the usual brass terminal rings and the attendant adverse effect they have on coil Q and tuning range. The problem of broken coil leads caused by ring slippage during the soldering process has likewise been eliminated. The adjusting stud is held rigidly at any desired setting through the use of a newly designed tension device which permits firm pressure to be applied to the adjusting stud without the usual danger of stripped threads encountered with the normal tension springs.

Sub-Miniature Adjustable R.F. Coils

Part No.	L Nom.	L Max. $\pm 5\%$	Q Min. @ L Max.	L Min. $\pm 10\%$	Q Min. @ L Min.	R ohms Max.
40A000CBI	Coil Form with hardware and Core Dimensions (form): $\frac{3}{16}$ " Diameter x $\frac{1}{2}$ " long. Mounting hole $\frac{1}{16}$ ".					
40A107CBI	.100 uh	.125 uh	70 @ 25 Mc	.091 uh	58 @ 25 Mc	.015
40A157CBI	.150 uh	.188 uh	85 @ 25 Mc	.124 uh	64 @ 25 Mc	.019
40A227CBI	.220 uh	.275 uh	88 @ 25 Mc	.184 uh	69 @ 25 Mc	.022
40A337CBI	.330 uh	.413 uh	91 @ 25 Mc	.265 uh	82 @ 25 Mc	.029
40A477CBI	.470 uh	.587 uh	85 @ 25 Mc	.327 uh	77 @ 25 Mc	.032
40A687CBI	.680 uh	.850 uh	81 @ 25 Mc	.482 uh	91 @ 25 Mc	.043
40A827CBI	.870 uh	1.02 uh	83 @ 25 Mc	.630 uh	89 @ 25 Mc	.068
40A106CBI	1.00 uh	1.25 uh	57 @ 7.9 Mc	1.06 uh	46 @ 25 Mc	.142
40A156CBI	1.50 uh	1.88 uh	60 @ 7.9 Mc	1.30 uh	50 @ 7.9 Mc	.218
40A226CBI	2.20 uh	2.75 uh	56 @ 7.9 Mc	1.50 uh	45 @ 7.9 Mc	.392
40A336CBI	3.30 uh	4.13 uh	58 @ 7.9 Mc	2.15 uh	49 @ 7.9 Mc	.466
40A476CBI	4.70 uh	5.87 uh	62 @ 7.9 Mc	3.00 uh	51 @ 7.9 Mc	.845
40A686CBI	6.80 uh	8.50 uh	68 @ 7.9 Mc	4.40 uh	52 @ 7.9 Mc	1.57
40A826CBI	8.20 uh	10.2 uh	68 @ 7.9 Mc	5.25 uh	55 @ 7.9 Mc	1.93
40A105CBI	10.0 uh	12.5 uh	67 @ 2.5 Mc	8.06 uh	44 @ 7.9 Mc	1.32
40A155CBI	15.0 uh	18.8 uh	71 @ 2.5 Mc	11.9 uh	48 @ 2.5 Mc	1.62
40A225CBI	22.0 uh	27.5 uh	72 @ 2.5 Mc	17.1 uh	50 @ 2.5 Mc	1.98
40A335CBI	33.0 uh	41.3 uh	72 @ 2.5 Mc	26.6 uh	51 @ 2.5 Mc	2.54
40A475CBI	47.0 uh	58.7 uh	72 @ 2.5 Mc	39.0 uh	52 @ 2.5 Mc	3.12
40A685CBI	68.0 uh	85.0 uh	70 @ 2.5 Mc	58.0 uh	52 @ 2.5 Mc	3.87
40A825CBI	82.0 uh	102. uh	68 @ 2.5 Mc	69.0 uh	52 @ 2.5 Mc	4.32
40A104CBI	100. uh	125. uh	68 @ 2.5 Mc	84.0 uh	51 @ 2.5 Mc	4.80
40A000CBI	Bulk pack per 100					

Miniature Adjustable R.F. Coils

Part No.	L Nom.	L Max. $\pm 5\%$	Q Min. @ L Max.	L Min. $\pm 10\%$	Q Min. @ L Min.	R ohms Max.
41A000CBI	Coil Form with hardware and Core Dimensions (form): $\frac{1}{4}$ " Diameter x $\frac{1}{2}$ " long. Mounting hole $\frac{1}{16}$ ".					
41A106CBI	1.00 uh	1.25 uh	82 @ 7.9 Mc	.690 uh	108 @ 25 Mc	.096
41A156CBI	1.50 uh	1.87 uh	82 @ 7.9 Mc	1.20 uh	64 @ 7.9 Mc	.132
41A226CBI	2.20 uh	2.75 uh	88 @ 7.9 Mc	1.42 uh	62 @ 7.9 Mc	.304
41A336CBI	3.30 uh	4.10 uh	92 @ 7.9 Mc	2.00 uh	68 @ 7.9 Mc	.342
41A476CBI	4.70 uh	5.80 uh	93 @ 7.9 Mc	2.80 uh	68 @ 7.9 Mc	.672
41A686CBI	6.80 uh	8.50 uh	94 @ 7.9 Mc	4.00 uh	72 @ 7.9 Mc	.782
41A826CBI	8.20 uh	10.0 uh	92 @ 7.9 Mc	4.50 uh	73 @ 7.9 Mc	.876
41A105CBI	10.0 uh	12.5 uh	83 @ 2.5 Mc	6.50 uh	56 @ 2.5 Mc	1.02
41A155CBI	15.0 uh	18.7 uh	90 @ 2.5 Mc	10.8 uh	59 @ 2.5 Mc	1.74
41A225CBI	22.0 uh	27.5 uh	92 @ 2.5 Mc	15.2 uh	56 @ 2.5 Mc	5.28
41A335CBI	33.0 uh	41.0 uh	94 @ 2.5 Mc	26.0 uh	60 @ 2.5 Mc	3.10
41A475CBI	47.0 uh	58.0 uh	88 @ 2.5 Mc	32.5 uh	60 @ 2.5 Mc	2.90
41A685CBI	68.0 uh	85.0 uh	87 @ 2.5 Mc	48.5 uh	60 @ 2.5 Mc	3.60
41A825CBI	82.0 uh	100 uh	83 @ 2.5 Mc	61.0 uh	60 @ 2.5 Mc	4.00
41A104CBI	100 uh	125 uh	93 @ 790 Kc	65.0 uh	84 @ 790 Kc	2.22
41A154CBI	150 uh	187 uh	102 @ 790 Kc	110 uh	85 @ 790 Kc	2.90
41A224CBI	220 uh	275 uh	95 @ 790 Kc	160 uh	89 @ 790 Kc	3.54
41A334CBI	330 uh	410 uh	98 @ 790 Kc	253 uh	89 @ 790 Kc	4.56
41A474CBI	470 uh	580 uh	94 @ 790 Kc	390 uh	86 @ 790 Kc	5.82
41A684CBI	680 uh	850 uh	88 @ 790 Kc	560 uh	85 @ 790 Kc	7.02
41A824CBI	820 uh	1.00 mh	84 @ 790 Kc	670 uh	84 @ 790 Kc	7.74
41A103CBI	1.00 mh	1.25 mh	80 @ 790 Kc	700 uh	80 @ 790 Kc	7.82
41A000CBI	Bulk pack per 100					

40A-41A-42A-43A 20M 3-69 FH

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(Available through your local distributor)

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Standard Adjustable R.F. Coils

Part No.	L Nom.	L Max. \pm 5%	Q Min. @ L Max.	L Min. \pm 10%	Q Min. @ L Min	R ohms Max.
42A000CB1	Coil Form with hardware and Core Dimensions (form): $\frac{3}{8}$ " Diameter x 1" long. Mounting hole $\frac{1}{4}$ ".					
42A106CB1	1.00 uh	1.25 uh	112 @ 25 Mc	.680 uh	148 @ 25 Mc	.058
42A156CB1	1.50 uh	1.87 uh	100 @ 7.9 Mc	1.00 uh	100 @ 7.9 Mc	.064
42A226CB1	2.20 uh	2.75 uh	93 @ 7.9 Mc	1.35 uh	88 @ 7.9 Mc	.070
42A336CB1	3.30 uh	4.10 uh	104 @ 7.9 Mc	2.12 uh	112 @ 7.9 Mc	.226
42A476CB1	4.70 uh	5.80 uh	124 @ 7.9 Mc	2.40 uh	82 @ 7.9 Mc	.466
42A686CB1	6.80 uh	8.50 uh	128 @ 7.9 Mc	3.60 uh	88 @ 7.9 Mc	.581
42A826CB1	8.20 uh	10.0 uh	120 @ 7.9 Mc	4.45 uh	92 @ 7.9 Mc	.600
42A105CB1	10.0 uh	12.5 uh	148 @ 2.5 Mc	6.05 uh	104 @ 7.9 Mc	.746
42A155CB1	15.0 uh	18.7 uh	136 @ 2.5 Mc	9.40 uh	88 @ 2.5 Mc	.862
42A225CB1	22.0 uh	27.5 uh	140 @ 2.5 Mc	12.9 uh	92 @ 2.5 Mc	.982
42A335CB1	33.0 uh	41.0 uh	148 @ 2.5 Mc	18.8 uh	96 @ 2.5 Mc	1.18
42A475CB1	47.0 uh	58.0 uh	96 @ 2.5 Mc	27.5 uh	96 @ 2.5 Mc	1.51
42A685CB1	68.0 uh	85.0 uh	89 @ 2.5 Mc	37.5 uh	93 @ 2.5 Mc	1.54
42A825CB1	82.0 uh	100 uh	100 @ 2.5 Mc	45.0 uh	88 @ 2.5 Mc	2.10
42A104CB1	100 uh	125 uh	128 @ 790 Kc	54.0 uh	88 @ 2.5 Mc	2.06
42A154CB1	150 uh	187 uh	152 @ 790 Kc	92.0 uh	108 @ 790 Kc	2.88
42A224CB1	220 uh	275 uh	140 @ 790 Kc	123 uh	108 @ 790 Kc	3.42
42A334CB1	330 uh	410 uh	140 @ 790 Kc	200 uh	120 @ 790 Kc	4.20
42A474CB1	470 uh	580 uh	132 @ 790 Kc	300 uh	124 @ 790 Kc	5.52
42A684CB1	680 uh	850 uh	136 @ 790 Kc	430 uh	128 @ 790 Kc	7.00
42A824CB1	820 uh	1.00 mh	128 @ 250 Kc	510 uh	128 @ 790 Kc	7.08
42A103CB1	1.00 mh	1.25 mh	124 @ 250 Kc	780 uh	84 @ 790 Kc	8.61
42A153CB1	1.50 mh	1.87 mh	128 @ 250 Kc	1.10 mh	94 @ 250 Kc	10.5
42A223CB1	2.20 mh	2.90 mh	128 @ 250 Kc	1.66 mh	106 @ 250 Kc	21.2
42A333CB1	3.30 mh	4.10 mh	105 @ 250 Kc	2.40 mh	94 @ 250 Kc	16.3
42A473CB1	4.70 mh	5.80 mh	100 @ 250 Kc	3.46 mh	93 @ 250 Kc	20.9
42A683CB1	6.80 mh	8.50 mh	92 @ 250 Kc	5.25 mh	92 @ 250 Kc	41.8
42A823CB1	8.20 mh	10.0 mh	88 @ 250 Kc	6.00 mh	92 @ 250 Kc	44.9
42A102CB1	10.0 mh	12.5 mh	82 @ 250 Kc	9.20 mh	92 @ 250 Kc	53.4
42A000CB1	Bulk pack per 100					

Jumbo Adjustable R.F. Coils

Part No.	L Nom.	L Max. \pm 5%	Q Min. @ L Max.	L Min. \pm 10%	Q Min. @ L Min.	R ohms Max.
43A000CB1	Coil Form with hardware and Core Dimensions (form): $\frac{1}{2}$ " Diameter x $1\frac{1}{2}$ " long. Mounting hole $\frac{1}{4}$ ".					
43A105CB1	10.0 uh	12.5 uh	168 @ 2.5 Mc	5.70 uh	85 @ 7.9 Mc	.420
43A155CB1	15.0 uh	18.7 uh	168 @ 2.5 Mc	9.00 uh	89 @ 7.9 Mc	.534
43A225CB1	22.0 uh	27.5 uh	160 @ 2.5 Mc	12.0 uh	101 @ 2.5 Mc	.90
43A335CB1	33.0 uh	41.0 uh	176 @ 2.5 Mc	17.0 uh	120 @ 2.5 Mc	1.49
43A475CB1	47.0 uh	58.0 uh	180 @ 2.5 Mc	25.0 uh	120 @ 2.5 Mc	1.72
43A685CB1	68.0 uh	85.0 uh	152 @ 2.5 Mc	38.0 uh	137 @ 2.5 Mc	2.30
43A825CB1	82.0 uh	100 uh	158 @ 2.5 Mc	42.0 uh	152 @ 2.5 Mc	2.26
43A104CB1	100 uh	125 uh	160 @ 790 Kc	65.0 uh	148 @ 2.5 Mc	2.66
43A154CB1	150 uh	187 uh	164 @ 790 Kc	95.0 uh	156 @ 2.5 Mc	3.24
43A224CB1	220 uh	275 uh	168 @ 790 Kc	138 uh	128 @ 790 Kc	3.72
43A334CB1	330 uh	410 uh	160 @ 790 Kc	205 uh	136 @ 790 Kc	4.74
43A474CB1	470 uh	580 uh	148 @ 790 Kc	240 uh	136 @ 790 Kc	5.40
43A684CB1	680 uh	850 uh	148 @ 790 Kc	370 uh	156 @ 790 Kc	6.06
43A824CB1	820 uh	1.00 mh	140 @ 250 Kc	450 uh	152 @ 790 Kc	6.84
43A103CB1	1.00 mh	1.25 mh	140 @ 250 Kc	600 uh	160 @ 790 Kc	7.92
43A153CB1	1.50 mh	1.87 mh	152 @ 250 Kc	900 uh	112 @ 250 Kc	9.52
43A223CB1	2.20 mh	2.75 mh	156 @ 250 Kc	1.30 mh	128 @ 250 Kc	11.80
43A333CB1	3.30 mh	4.10 mh	136 @ 250 Kc	1.95 mh	112 @ 250 Kc	16.60
43A473CB1	4.70 mh	5.80 mh	132 @ 250 Kc	2.90 mh	116 @ 250 Kc	20.60
43A683CB1	6.80 mh	8.50 mh	124 @ 250 Kc	4.30 mh	112 @ 250 Kc	34.90
43A823CB1	8.20 mh	10.0 mh	120 @ 250 Kc	5.10 mh	112 @ 250 Kc	38.40
43A102CB1	10.0 mh	12.5 mh	69 @ 79 Kc	6.50 mh	66 @ 250 Kc	60.20
43A152CB1	15.0 mh	18.7 mh	74 @ 79 Kc	9.80 mh	64 @ 250 Kc	74.20
43A222CB1	22.0 mh	27.5 mh	78 @ 79 Kc	13.0 mh	52 @ 79 Kc	93.50
43A332CB1	33.0 mh	41.0 mh	80 @ 79 Kc	20.0 mh	56 @ 79 Kc	119
43A472CB1	47.0 mh	58.0 mh	76 @ 79 Kc	29.0 mh	56 @ 79 Kc	174
43A682CB1	68.0 mh	85.0 mh	74 @ 79 Kc	42.0 mh	64 @ 79 Kc	206
43A822CB1	82.0 mh	100 mh	73 @ 79 Kc	50.0 mh	64 @ 79 Kc	232
43A101CB1	100 mh	125 mh	68 @ 79 Kc	66.0 mh	67 @ 79 Kc	264
43A000CB1	Bulk pack per 100					