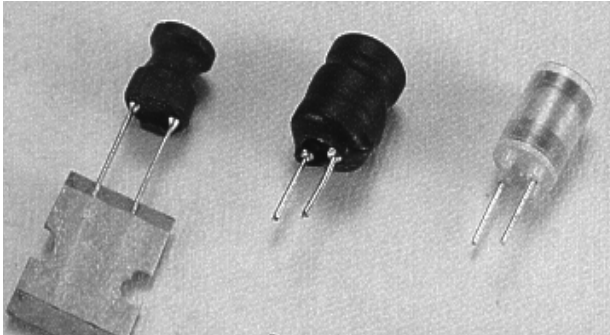




# Radial Peacking Coil

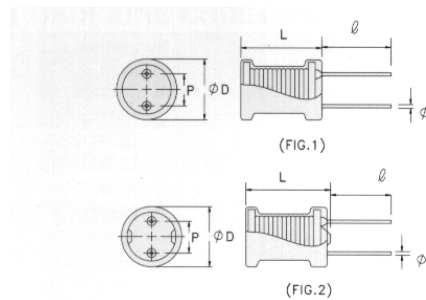
Type: ACD



## Features

These coils provide high S.R.F. due to the minimized distributed capacitance of the windings. They are widely applied for application of chokes, filters and peakings in electronic circuits.

Type	L(Max)	$\phi$ D Max.	$l$ Min.	$\phi$ d $\pm 0.05$	P $\pm 0.5$	Fig No.
CD246	8	5.5	15	0.5	2	1
CD268	10	7.5	15	0.65	3	1
CD27599	11	8.5	15	0.65	5	2
CD285	7.5	9.5	15	0.65	5	1
CD2810	12	9.5	15	0.65	5	1
CD2912	14	10.5	15	0.80	5	1
CD21016	18	11.5	15	0.80	6	1



PART NUMBER	Inductance L@ 1 KHz (uH)	Q Min.	Self-Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
ACD268 100K	10	30 @ 2.52 MHz	25	0.038	550
ACD268 120K	12	30 @ 2.52 MHz	20	0.044	530
ACD268 150K	15	30 @ 2.52 MHz	18	0.050	500
ACD268 180K	18	30 @ 2.52 MHz	17	0.058	480
ACD268 220K	22	30 @ 2.52 MHz	14	0.066	460
ACD268 270K	27	25 @ 2.52 MHz	13	0.072	430
ACD268 330K	33	30 @ 2.52 MHz	12	0.10	410
ACD268 390K	39	25 @ 2.52 MHz	11	0.11	390
ACD268 470K	47	25 @ 2.52 MHz	10	0.16	370
ACD268 560K	56	25 @ 2.52 MHz	9.9	0.17	350
ACD268 680K	68	25 @ 2.52 MHz	8.3	0.20	340
ACD268 820K	82	25 @ 2.52 MHz	7.8	0.24	320
ACD268 101K	100	30 @ 0.796 MHz	6.8	0.30	310
ACD268 121K	120	30 @ 0.796 MHz	5.8	0.36	290
ACD268 151K	150	30 @ 0.796 MHz	5.0	0.48	280
ACD268 181K	180	30 @ 0.796 MHz	4.9	0.50	190
ACD268 221K	220	30 @ 0.796 MHz	4.3	0.70	180
ACD268 271K	270	30 @ 0.796 MHz	3.8	0.80	170







low profile - encapsulated - toroidal - open - pcb or rack - inductor

# Radial Peacking Coil

Type: ACD

PART NUMBER	Inductance L@ 1 KHz (uH)	Q Min.	Self-Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
ACD285 1R0M	1.0	15 @ 7.96 MHz	105	0.022	800
ACD285 1R2M	1.2	15 @ 7.96 MHz	100	0.023	790
ACD285 1R5M	1.5	15 @ 7.96 MHz	90	0.026	780
ACD285 1R8M	1.8	15 @ 7.96 MHz	80	0.028	770
ACD285 2R2M	2.2	15 @ 7.96 MHz	77	0.030	760
ACD285 2R7M	2.7	15 @ 7.96 MHz	52	0.034	750
ACD285 3R3M	3.3	15 @ 7.96 MHz	45	0.037	740
ACD285 3R9M	3.9	15 @ 7.96 MHz	45	0.038	730
ACD285 4R7M	4.7	15 @ 7.96 MHz	32	0.042	720
ACD285 5R6M	5.6	15 @ 7.96 MHz	28	0.047	710
ACD285 6R8M	6.8	15 @ 7.96 MHz	25	0.052	700
ACD285 8R2M	8.2	15 @ 7.96 MHz	24	0.060	690
ACD285 100K	10	20 @ 2.52 MHz	20	0.067	680
ACD285 120K	12	20 @ 2.52 MHz	20	0.072	670
ACD285 150K	15	20 @ 2.52 MHz	18	0.082	660
ACD285 180K	18	20 @ 2.52 MHz	15	0.085	650
ACD285 220K	22	20 @ 2.52 MHz	13	0.105	640
ACD285 270K	27	20 @ 2.52 MHz	12	0.118	630
ACD285 330K	33	20 @ 2.52 MHz	10	0.132	620
ACD285 390K	39	20 @ 2.52 MHz	10	0.195	500
ACD285 470K	47	20 @ 2.52 MHz	7.5	0.215	450
ACD285 560K	56	20 @ 2.52 MHz	7.5	0.230	430
ACD285 680K	68	20 @ 2.52 MHz	7.0	0.265	410
ACD285 820K	82	20 @ 2.52 MHz	6.5	0.330	390
ACD285 101K	100	20 @ 0.796 MHz	6.0	0.350	370
ACD285 121K	120	20 @ 0.796 MHz	5.0	0.525	320
ACD285 151K	150	20 @ 0.796 MHz	4.5	0.600	300
ACD285 181K	180	20 @ 0.796 MHz	4.0	0.725	280
ACD285 221K	220	20 @ 0.796 MHz	4.0	0.990	260
ACD285 271K	270	20 @ 0.796 MHz	3.8	1.28	200
ACD285 331K	330	20 @ 0.796 MHz	3.5	1.45	180
ACD285 391K	390	20 @ 0.796 MHz	3.3	1.70	170
ACD285 471K	470	20 @ 0.796 MHz	3.3	2.75	160
ACD285 561K	560	20 @ 0.796 MHz	2.6	3.00	150
ACD285 681K	680	20 @ 0.796 MHz	2.4	3.30	140
ACD285 821K	820	20 @ 0.796 MHz	2.0	3.70	130
ACD285 102K	1000	80 @ 0.252 MHz	2.0	4.25	120



low profile - encapsulated - toroidal - open - pcb or rack - inductor

# Radial Peacking Coil

Type: ACD

PART NUMBER	Inductance L@ 1 KHz (uH)	Q Min.	Self-Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
ACD2810 1R0M	1.0	20 @ 7.96 MHz	150	0.010	10
ACD2810 1R5M	1.5	20 @ 7.96 MHz	130	0.012	8.5
ACD2810 2R2M	2.2	20 @ 7.96 MHz	100	0.013	6.5
ACD2810 3R3M	3.3	20 @ 7.96 MHz	79	0.016	5.5
ACD2810 4R7M	4.7	20 @ 7.96 MHz	51	0.020	4.3
ACD2810 6R8M	6.8	20 @ 7.96 MHz	29	0.023	3.7
ACD2810 8R2M	8.2	20 @ 7.96 MHz	23	0.026	3.5
ACD2810 100K	10	40 @ 2.52 MHz	14	0.030	3.0
ACD2810 120K	12	40 @ 2.52 MHz	13	0.033	2.6
ACD2810 150K	15	40 @ 2.52 MHz	12	0.040	2.3
ACD2810 180K	18	40 @ 2.52 MHz	11	0.044	2.2
ACD2810 220K	22	40 @ 2.52 MHz	9.2	0.056	2.0
ACD2810 270K	27	40 @ 2.52 MHz	8.5	0.077	1.7
ACD2810 330K	33	30 @ 2.52 MHz	7.8	0.087	1.6
ACD2810 390K	39	30 @ 2.52 MHz	6.9	0.098	1.5
ACD2810 470K	47	30 @ 2.52 MHz	6.5	0.11	1.4
ACD2810 560K	56	30 @ 2.52 MHz	5.4	0.13	1.3
ACD2810 680K	68	30 @ 2.52 MHz	4.9	0.14	1.2
ACD2810 820K	82	30 @ 2.52 MHz	4.1	0.19	1.1
ACD2810 101K	100	20 @ 796 KHz	3.7	0.23	0.91
ACD2810 121K	120	20 @ 796 KHz	3.4	0.30	0.84
ACD2810 151K	150	20 @ 796 KHz	3.2	0.35	0.75
ACD2810 181K	180	20 @ 796 KHz	2.8	0.39	0.69
ACD2810 221K	220	20 @ 796 KHz	2.7	0.49	0.64
ACD2810 271K	270	20 @ 796 KHz	2.4	0.59	0.57
ACD2810 331K	330	20 @ 796 KHz	2.3	0.79	0.54
ACD2810 391K	390	20 @ 796 KHz	2.1	0.87	0.48
ACD2810 471K	470	20 @ 796 KHz	1.9	0.95	0.46
ACD2810 561K	560	20 @ 796 KHz	1.8	1.0	0.41
ACD2810 681K	680	20 @ 796 KHz	1.6	1.4	0.38
ACD2810 821K	820	20 @ 796 KHz	1.5	1.8	0.35
ACD2810 102K	1000	40 @ 252 KHz	1.3	2.9	0.29
ACD2810 122K	1200	60 @ 252 KHz	1.2	2.5	0.35
ACD2810 152K	1500	60 @ 252 KHz	1.12	2.7	0.31
ACD2810 182K	1800	60 @ 252 KHz	1.00	3.2	0.29
ACD2810 222K	2200	60 @ 252 KHz	0.97	3.5	0.26
ACD2810 252K	2500	60 @ 252 KHz	0.90	4.0	0.24
ACD2810 272K	2700	60 @ 252 KHz	0.80	4.8	0.23
ACD2810 332K	3300	60 @ 252 KHz	0.72	5.4	0.20

