

## INDUCTORS

### Radial Power Chokes PK Series

**Features:**

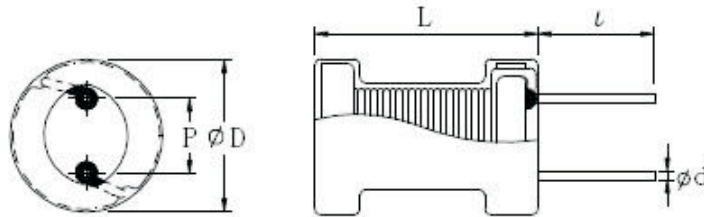
Ideal as a choke coil for noise filtering and DC to DC converter application.  
Covered with PVC or UL shrink tubing  
Excellent characteristics for high Q

**Applications:**

TV and Audio equipment  
Buzzers and Alarm systems  
Switching power supplies  
Systems requiring Board and high Q.  
Other noise filters.

**Test Equipment and Conditions:**

Inductance & Q are measured with HP-4284A or equiv.  
SRF is measured with ML-2770 or equiv.  
DCR is measured with CH-502A or equiv.  
Rated DC current is measured with HP-42841A or equiv.



P/N	D(Max)	L(Max)	l( $\pm 2$ mm)	d $\pm 0.05$	P $\pm 0.5$
PK0406	5.5	8.0	15.0	0.50	2.0
PK0608	7.2	9.5	15.0	0.60	3.0
PK0707	8.0	9.0	15.0	0.60	5.0
PK0865	8.3	7.5	15.0	0.60	5.0
PK0810	10.0	13.0	15.0	0.65	5.0
PK1010	11.0	11.5	15.0	0.55	5.0
PK1016	10.0	16.0	15.0	0.75	5.0

### ORDER INFORMATION

RNP18 - PK XXXX - XXX K

Inductance Tolerance : K=10% M=20%

Inductance Value

Part Number

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PART NO.	L (uH)	Q min	TESTING FREQ.(MHZ)	SRF( MHz ) MIN	DCR (Ω) MAX	I mA MAX
PK0406-100M	10	80	2.52	20	0.23	1000
PK0406-120M	12	80	2.52	17	0.24	970
PK0406-150M	15	80	2.52	16	0.25	920
PK0406-180M	18	80	2.52	12	0.33	860
PK0406-220K	22	80	2.52	10	0.45	800
PK0406-270K	27	80	2.52	9.5	0.5	710
PK0406-330K	33	80	2.52	8.7	0.7	660
PK0406-390K	39	70	2.52	8.2	0.74	600
PK0406-470K	47	70	2.52	7.8	0.76	550
PK0406-560K	56	50	2.52	7.6	0.8	500
PK0406-680K	68	50	2.52	6.8	0.9	470
PK0406-820K	82	50	2.52	6	0.95	430
PK0406-101K	100	45	0.796	6	1	400
PK0406-121K	120	45	0.796	5.5	1.1	370
PK0406-151K	150	65	0.796	4.2	1.3	350
PK0406-181K	180	65	0.796	3.6	1.5	320
PK0406-221K	220	65	0.796	2.8	1.8	300
PK0406-271K	270	50	0.796	2.4	1.9	275
PK0406-331K	330	50	0.796	2.2	2.2	250
PK0406-391K	390	50	0.796	2	2.7	220
PK0406-471K	470	50	0.796	1.7	3.6	200
PK0406-561K	560	50	0.796	1.5	4.2	190
PK0406-681K	680	50	0.796	1.3	4.6	170
PK0406-821K	820	50	0.796	1.1	5.7	155
PK0406-102K	1000	90	0.252	1	6.7	150
PK0406-122K	1200	90	0.252	0.9	8.2	140
PK0406-152K	1500	80	0.252	0.8	13	120
PK0406-182K	1800	80	0.252	0.8	15	110
PK0406-222K	2200	80	0.252	0.8	17	100
PK0406-272K	2700	80	0.252	0.8	19	90
PK0406-332K	3300	70	0.252	0.7	26	83
PK0406-392K	3900	70	0.252	0.65	30	76
PK0406-472K	4700	65	0.252	0.6	45	70
PK0406-562K	5600	65	0.252	0.55	48	62
PK0406-682K	6800	65	0.252	0.55	56	56
PK0406-822K	8200	65	0.252	0.55	62	52
PK0406-103K	10000	45	0.0796	0.55	72	47
PK0406-123K	12000	45	0.0796	0.5	80	40
PK0406-153K	15000	45	0.0796	0.5	120	35
PK0406-183K	18000	45	0.0796	0.5	135	30
PK0406-223K	22000	45	0.0796	0.5	160	24

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PART NO.	L (uH)	Q min	TESTING FREQ.(KHZ)	SRF( MHz ) MIN	DCR (Ω) MAX	I (mA) MAX
PK0608-100K	10	25	2.52	16	0.09	1300
PK0608-120K	12	25	2.52	15	0.1	1100
PK0608-150K	15	25	2.52	13	0.11	1050
PK0608-180K	18	20	2.52	12	0.12	1000
PK0608-220K	22	25	2.52	11	0.12	960
PK0608-270K	27	25	2.52	10	0.17	920
PK0608-330K	33	25	2.52	8.8	0.19	880
PK0608-390K	39	20	2.52	8.4	0.22	860
PK0608-470K	47	20	2.52	8.2	0.23	830
PK0608-560K	56	20	2.52	7.9	0.29	810
PK0608-680K	68	20	2.52	7	0.37	750
PK0608-820K	82	20	2.52	6.5	0.39	740
PK0608-101K	100	30	0.796	5.7	0.44	710
PK0608-121K	120	30	0.796	5.2	0.64	680
PK0608-151K	150	35	0.796	4.7	0.73	600
PK0608-181K	180	35	0.796	4.2	0.82	540
PK0608-221K	220	35	0.796	3.7	0.92	450
PK0608-271K	270	30	0.796	3.5	1.2	420
PK0608-331K	330	40	0.796	3.2	1.6	400
PK0608-391K	390	25	0.796	2.9	1.9	370
PK0608-471K	470	35	0.796	2.4	2.3	340
PK0608-561K	560	35	0.796	2.2	2.6	280
PK0608-681K	680	45	0.796	2	2.8	250
PK0608-821K	820	40	0.796	1.6	3	230
PK0608-102K	1000	70	0.796	1.5	3.3	200
PK0608-122K	1200	70	0.252	0.8	3.5	180
PK0608-152K	1500	70	0.252	0.7	4.5	160
PK0608-182K	1800	70	0.252	0.6	5	140
PK0608-222K	2200	70	0.252	0.5	6.2	120
PK0608-272K	2700	70	0.252	0.4	7.2	100
PK0608-332K	3300	70	0.252	0.3	10.5	80
PK0608-392K	3900	70	0.252	0.2	11.7	70
PK0608-472K	4700	70	0.252	0.18	13.6	60
PK0608-562K	5600	70	0.252	0.16	16.6	50
PK0608-682K	6800	70	0.252	0.16	19.6	50
PK0608-822K	8200	70	0.252	0.16	25.2	40
PK0608-103K	10000	70	0.0796	0.14	29.5	40
PK0608-123K	12000	70	0.0796	0.14	33.8	40
PK0608-153K	15000	70	0.0796	0.14	45.4	30
PK0608-183K	18000	70	0.0796	0.14	50.4	30
PK0608-223K	22000	70	0.0796	0.12	60	30
PK0608-303K	30000	70	0.0796	0.12	91.5	20
PK0608-333K	33000	70	0.0796	0.12	98.5	20

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PART NO.	L (uH)	Q min	TESTING FREQ.(MHZ)	SRF( MHz ) MIN	DCR (Ω) MAX	I (A) MAX
PK0707-1R0M	1	10	7.96	70	0.006	5
PK0707-1R5M	1.5	10	7.96	56	0.008	4.3
PK0707-2R2M	2.2	10	7.96	45	0.011	3.7
PK0707-3R3M	3.3	10	7.96	36	0.018	2.9
PK0707-4R7M	4.7	10	7.96	29	0.022	2.6
PK0707-6R8M	6.8	10	7.96	24	0.028	2.3
PK0707-100K	10	20	7.96	19	0.043	1.9
PK0707-150K	15	20	7.96	15	0.056	1.6
PK0707-220K	22	20	7.96	12	0.086	1.3
PK0707-330K	33	20	7.96	9.4	0.14	1
PK0707-470K	47	20	7.96	7.6	0.17	0.94
PK0707-680K	68	20	7.96	6.2	0.28	0.73
PK0707-101K	100	20	0.796	5	0.33	0.67
PK0707-151K	150	20	0.796	4	0.56	0.52
PK0707-221K	220	20	0.796	3.2	0.72	0.46
PK0707-331K	330	20	0.796	2.5	1.1	0.37
PK0707-471K	470	20	0.796	2	1.7	0.3
PK0707-681K	680	20	0.796	1.7	2.3	0.26
PK0707-102K	1000	70	0.796	1.3	4.3	0.19
PK0707-152K	1500	50	0.796	1.3	5	0.16

PART NO.	L (uH)	Q min	TESTING FREQ.(MHZ)	SRF( MHz ) MIN	DCR (Ω) MAX	I mA MAX
PK0810-100K	10	90	2.52	12	0.1	1600
PK0810-120K	12	90	2.52	11	0.1	1600
PK0810-150K	15	90	2.52	10	0.1	1400
PK0810-180K	18	80	2.52	9	0.11	1300
PK0810-220K	22	70	2.52	8	0.13	1200
PK0810-270K	27	70	2.52	7	0.14	1100
PK0810-330K	33	70	2.52	7	0.16	900
PK0810-390K	39	70	2.52	6	0.16	800
PK0810-470K	47	70	2.52	5.5	0.16	700
PK0810-560K	56	60	2.52	5.5	0.22	700
PK0810-680K	68	60	2.52	5	0.23	600
PK0810-820K	82	60	2.52	4.5	0.27	500

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PART NO.	L (uH)	Q min	TESTING FREQ.(MHZ)	SRF( MHz ) MIN	DCR (Ω) MAX	I mA MAX
PK0810-101K	100	40	0.796	4.5	0.29	400
PK0810-121K	120	40	0.796	4.5	0.33	400
PK0810-151K	150	40	0.796	4.5	0.46	350
PK0810-181K	180	40	0.796	4	0.51	300
PK0810-221K	220	40	0.796	3.5	0.62	250
PK0810-271K	270	30	0.796	3	0.65	250
PK0810-331K	330	30	0.796	3	0.79	250
PK0810-391K	390	30	0.796	2.5	0.91	200
PK0810-471K	470	30	0.796	2.5	1.2	180
PK0810-561K	560	30	0.796	2	1.2	160
PK0810-681K	680	30	0.796	2	1.5	140
PK0810-821K	820	25	0.796	2	1.7	140
PK0810-102K	1000	50	0.252	2	2	120
PK0810-122K	1200	45	0.252	1.5	2.3	100
PK0810-152K	1500	45	0.252	1.5	2.9	80
PK0810-182K	1800	45	0.252	1.5	3.5	80
PK0810-222K	2200	50	0.252	1	4.2	70
PK0810-272K	2700	50	0.252	1	5.1	60
PK0810-332K	3300	50	0.252	0.9	6.1	60
PK0810-392K	3900	50	0.252	0.8	7.8	50
PK0810-472K	4700	55	0.252	0.7	11	50
PK0810-562K	5600	55	0.252	0.6	11	45
PK0810-682K	6800	55	0.252	0.6	14	45
PK0810-822K	8200	60	0.252	0.6	15	40
PK0810-103K	10000	100	0.0796	0.5	20	35
PK0810-123K	12000	100	0.0796	0.4	24	35
PK0810-153K	15000	100	0.0796	0.4	28	35
PK0810-183K	18000	100	0.0796	0.4	42	30
PK0810-223K	22000	100	0.0796	0.3	43	30
PK0810-273K	27000	100	0.0796	0.3	55	25
PK0810-333K	33000	90	0.0796	0.2	65	25
PK0810-393K	39000	90	0.0796	0.2	87	25
PK0810-473K	47000	85	0.0796	0.2	98	25
PK0810-563K	56000	80	0.0796	0.2	128	20
PK0810-683K	68000	70	0.0796	0.2	141	20
PK0810-823K	82000	70	0.0796	0.2	161	20
PK0810-104K	100000	55	0.0796	0.2	180	20

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PART NO.	L (uH)	Q min	TESTING FREQ.(MHZ)	SRF( MHz ) MIN	DCR (Ω) MAX	I mA MAX
PK1012-103K	10000	140	0.0796	0.35	12	280
PK1012-123K	12000	140	0.0796	0.31	13	280
PK1012-153K	15000	140	0.0796	0.28	18	280
PK1012-183K	18000	130	0.0796	0.26	25	280
PK1012-223K	22000	130	0.0796	0.22	30	240
PK1012-273K	27000	130	0.0796	0.2	35	240
PK1012-333K	33000	110	0.0796	0.19	40	200
PK1012-393K	39000	110	0.0796	0.17	50	140
PK1012-473K	47000	110	0.0796	0.15	50	140
PK1012-563K	56000	100	0.0796	0.13	65	140
PK1012-683K	68000	80	0.0796	0.12	70	120
PK1012-823K	82000	65	0.0796	0.1	85	120

PART NO.	L (uH)		TESTING FREQ.(Hz)		DCR (Ω) MAX	I mA MAX
PK1016-102K	1000		1K		1.2	800
PK1016-122K	1200		1K		1.5	620
PK1016-152K	1500		1K		1.7	550
PK1016-182K	1800		1K		1.8	490
PK1016-222K	2200		1K		2.4	385
PK1016-272K	2700		1K		2.8	385
PK1016-332K	3300		1K		3.7	300
PK1016-392K	3900		1K		5	250
PK1016-472K	4700		1K		5.6	250
PK1016-562K	5600		1K		6.3	250
PK1016-682K	6800		1K		8.4	190
PK1016-822K	8200		1K		9.6	190
PK1016-103K	10000		1K		10.5	190
PK1016-123K	12000		1K		14.05	150
PK1016-153K	15000		1K		20.5	120
PK1016-183K	18000		1K		27.5	95
PK1016-223K	22000		1K		31	95
PK1016-253K	25000		1K		32.5	95
PK1016-303K	30000		1K		40	95
PK1016-333K	33000		1K		51	95
PK1016-393K	39000		1K		56	95