

## Features

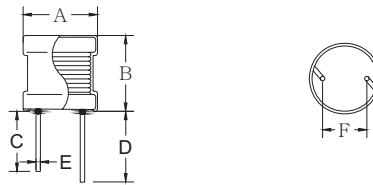
- Low cost power inductors ;
- Low DC resistance and large current ;
- Best for the power supply line ;
- Also have sleeve( PVC or UL tube ) wrap to protect the winding ;
- Operating temp: -20°C to +85°C.



## Applications

Power supplies ; DC-DC converters ; Tvs ; VTRs ; Computers ; Computer peripherals ; Telephones ; Air - conditions ; Home electric appliance ; electronic toys and games ; etc

## Shapes and Dimensions(Unit:mm)



ITEM	A max	B max	C min	D min	E	F
PK2W0304	4.00	6.10	10.00	15.00	0.50	1.30
PK2W0406	5.00	7.10	10.00	15.00	0.60	2.00
PK2W0507	6.00	9.10	10.00	15.00	0.60	2.50
PK2W0608	6.60	10.10	10.00	15.00	0.60	3.00
PK2W0707	7.60	9.10	10.00	15.00	0.60	4.80
PK2W0810	8.60	12.10	10.00	15.00	0.60	5.00
PK2W0912	9.60	14.10	10.00	15.00	0.60	5.00
PK2W1820	18.00	20.00	28.00	31.00	1.00	10.00

## Ordering information

$\frac{PK2W}{(1)}$   $\frac{0406}{(2)}$  -  $\frac{100}{(3)}$   $\frac{K}{(4)}$  -  $\frac{B}{(5)}$

- (1) Style: Peaking coils
- (2) Dimenions: L=4.0mm H=6.0mm
- (3) Inductance: 100 for 10uH
- (4) Tolerance: J:±5% ; K:±10% ; M:±20% ; N:±30%
- (5) Packing: R --Tape and reel , B -- In bulk



## PK2W0304 SERIES

Part number	Marking	Inductance (uH)	Test Freq(MHz)	Q (MIN)	SRF (MHz) MIN	DCR (Ω) MAX	Rated Current(mA)
PK2W0304-1R0	1R0	1.0	7.96	80	175	0.1	1000
PK2W0304-1R2	1R2	1.2	7.96	80	150	0.1	1000
PK2W0304-1R5	1R5	1.5	7.96	87	120	0.1	900
PK2W0304-1R8	1R8	1.8	7.96	81	102	0.1	800
PK2W0304-2R2	2R2	2.2	7.96	71	83	0.1	700
PK2W0304-2R7	2R7	2.7	7.96	71	71	0.2	700
PK2W0304-3R3	3R3	3.3	7.96	71	59	0.2	650
PK2W0304-3R9	3R9	3.9	7.96	71	44	0.2	650
PK2W0304-4R7	4R7	4.7	7.96	71	43	0.2	500
PK2W0304-5R6	5R6	5.6	7.96	70	39	0.3	450
PK2W0304-6R8	6R8	6.8	7.96	70	30	0.3	400
PK2W0304-8R2	8R2	8.2	7.96	67	22	0.3	350
PK2W0304-100	100	10	2.52	60	21	0.4	350
PK2W0304-120	120	12	2.52	67	20	0.5	300
PK2W0304-150	150	15	2.52	65	18	0.6	300
PK2W0304-180	180	18	2.52	60	16	0.6	300
PK2W0304-220	220	22	2.52	60	15	0.7	290
PK2W0304-270	270	27	2.52	58	13	0.8	270
PK2W0304-330	330	33	2.52	52	12	0.9	270
PK2W0304-390	390	39	2.52	52	11	2.0	260
PK2W0304-470	470	47	2.52	46	10	2.0	250
PK2W0304-560	560	56	2.52	65	9	3.0	180
PK2W0304-680	680	68	2.52	62	8	3.0	170
PK2W0304-820	820	82	2.52	60	8	3.0	170
PK2W0304-101	101	100	0.796	75	6	4.0	160
PK2W0304-121	121	120	0.796	75	6	4.0	150
PK2W0304-151	151	150	0.796	75	5	4.0	150
PK2W0304-181	181	180	0.796	75	4	5.0	130
PK2W0304-221	221	220	0.796	77	4	8.0	100
PK2W0304-271	271	270	0.796	80	4	9.0	90
PK2W0304-331	331	330	0.796	81	3.5	10.0	90
PK2W0304-391	391	390	0.796	80	3.5	10.0	80
PK2W0304-471	471	470	0.796	80	3	11.0	80
PK2W0304-561	561	560	0.796	80	3	15.0	70
PK2W0304-681	681	680	0.796	65	2	23.0	50
PK2W0304-821	821	820	0.796	65	2	26.0	50
PK2W0304-102	102	1000	0.252	36	1.5	29.0	50
PK2W0304-122	122	1200	0.252	36	1.5	33.0	40
PK2W0304-152	152	1500	0.252	37	1.5	37.0	40
PK2W0304-182	182	1800	0.252	44	1.5	41.0	40
PK2W0304-222	222	2200	0.252	44	1.5	46.0	30
PK2W0304-272	272	2700	0.252	47	1.5	51.0	30

A. Tolerance: K:±10% , M:±20%

B. Inductance measured using the Hp4285 A or Hp4284A ;

C. SRF measured using the Hp4191A

D. DCR measured using the 502BC milli-ohm meter ;

E. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ )



## PK2W0406 SERIES

Part number	Marking	Inductance (uH)	Test Freq(MHz)	Q (MIN)	SRF (MHz) MIN	DCR (Ω) MAX	Rated Current(mA)
PK2W0406-1R0	1R0	1.0	7.96	84	200	0.10	1400
PK2W0406-1R2	1R2	1.2	7.96	70	170	0.12	1200
PK2W0406-1R5	1R5	1.5	7.96	80	140	0.15	1200
PK2W0406-1R8	1R8	1.8	7.96	90	130	0.17	1100
PK2W0406-2R2	2R2	2.2	7.96	98	125	0.20	1100
PK2W0406-2R7	2R7	2.7	7.96	94	113	0.20	1300
PK2W0406-3R3	3R3	3.3	7.96	93	92	0.22	1300
PK2W0406-3R9	3R9	3.9	7.96	86	77	0.24	1300
PK2W0406-4R7	4R7	4.7	7.96	84	58	0.26	800
PK2W0406-5R6	5R6	5.6	7.96	84	42	0.28	800
PK2W0406-6R8	6R8	6.8	7.96	82	35	0.30	800
PK2W0406-8R2	8R2	8.2	7.96	77	32	0.35	800
PK2W0406-100	100	10	2.52	70	27	0.46	700
PK2W0406-120	120	12	2.52	80	20	0.48	600
PK2W0406-150	150	15	2.52	77	18	0.55	600
PK2W0406-180	180	18	2.52	87	16	0.65	500
PK2W0406-220	220	22	2.52	84	14	0.72	500
PK2W0406-270	270	27	2.52	77	13	0.78	400
PK2W0406-330	330	33	2.52	74	12	0.87	400
PK2W0406-390	390	39	2.52	70	11	0.90	400
PK2W0406-470	470	47	2.52	65	10	0.98	400
PK2W0406-560	560	56	2.52	58	9.5	1.50	320
PK2W0406-680	680	68	2.52	55	9.0	1.90	300
PK2W0406-820	820	82	2.52	53	8.6	2.50	300
PK2W0406-101	101	100	0.796	56	7.0	3.00	200
PK2W0406-121	121	120	0.796	70	6.3	3.80	200
PK2W0406-151	151	150	0.796	63	5.7	4.50	200
PK2W0406-181	181	180	0.796	62	5.3	5.00	200
PK2W0406-221	221	220	0.796	66	5.0	5.80	200
PK2W0406-271	271	270	0.796	66	4.5	6.50	150
PK2W0406-331	331	330	0.796	60	4.0	7.00	150
PK2W0406-391	391	390	0.796	56	3.8	7.70	150
PK2W0406-471	471	470	0.796	61	3.5	8.00	120
PK2W0406-561	561	560	0.796	59	3.2	8.50	120
PK2W0406-681	681	680	0.796	56	3.0	9.50	120
PK2W0406-821	821	820	0.796	61	2.8	15	100
PK2W0406-102	102	1000	0.252	77	2.5	17	100
PK2W0406-122	122	1200	0.252	71	2.3	20	80
PK2W0406-152	152	1500	0.252	76	2.1	22	80
PK2W0406-182	182	1800	0.252	77	1.8	25	70
PK2W0406-222	222	2200	0.252	81	1.6	26	60
PK2W0406-272	272	2700	0.252	57	1.36	46	40
PK2W0406-332	332	3300	0.252	60	1.27	50	30
PK2W0406-392	392	3900	0.252	56	1.20	54	30
PK2W0406-472	472	4700	0.252	65	1.06	60	30
PK2W0406-562	562	5600	0.252	66	1.02	65	30
PK2W0406-682	682	6800	0.252	66	0.96	72	30
PK2W0406-822	822	8200	0.252	70	0.93	80	20
PK2W0406-103	103	10000	0.0796	35	0.89	95	10

A. Tolerance: K:±10% , M:±20%

B. Inductance measured using the Hp4285 A or Hp4284A ;

C. SRF measured using the Hp4191A

D. DCR measured using the 502BC milli-ohm meter ;

E. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ )



## PK2W0507 SERIES

Part number	Marking	Inductance (uH)	Test Freq(MHz)	Q (MIN)	SRF (MHz) MIN	DCR ( $\Omega$ ) MAX	Rated Current(mA)
PK2W0507-1R0	1R0	1.0	7.96	85	120	0.014	3500
PK2W0507-1R5	1R5	1.5	7.96	85	90	0.02	3000
PK2W0507-2R2	2R2	2.2	7.96	85	55	0.02	2500
PK2W0507-3R3	3R3	3.3	7.96	85	50	0.03	2000
PK2W0507-4R7	4R7	4.7	7.96	80	30	0.04	1700
PK2W0507-6R8	6R8	6.8	7.96	75	25	0.06	1300
PK2W0507-100	100	10	2.52	70	22	0.08	1000
PK2W0507-120	120	12	2.52	70	20	0.10	950
PK2W0507-150	150	15	2.52	65	16	0.11	900
PK2W0507-180	180	18	2.52	50	14	0.11	800
PK2W0507-220	220	22	2.52	50	14	0.12	700
PK2W0507-270	270	27	2.52	50	12	0.14	600
PK2W0507-330	330	33	2.52	50	10	0.16	550
PK2W0507-390	390	39	2.52	45	9.0	0.18	500
PK2W0507-470	470	47	2.52	45	9.0	0.20	500
PK2W0507-560	560	56	2.52	35	8.0	0.22	450
PK2W0507-680	680	68	2.52	35	8.0	0.30	450
PK2W0507-820	820	82	2.52	35	7.0	0.34	400
PK2W0507-101	101	100	0.796	20	6.0	0.36	400
PK2W0507-121	121	120	0.796	20	5.5	0.44	350
PK2W0507-151	151	150	0.796	20	5.0	0.52	300
PK2W0507-181	181	180	0.796	20	4.5	0.65	300
PK2W0507-221	221	220	0.796	20	4.0	0.75	250
PK2W0507-271	271	270	0.796	25	3.5	1.0	240
PK2W0507-331	331	330	0.796	25	3.0	1.3	200
PK2W0507-391	391	390	0.796	25	3.0	1.4	180
PK2W0507-471	471	470	0.796	25	2.7	1.6	160
PK2W0507-561	561	560	0.796	25	2.5	2.0	160
PK2W0507-681	681	680	0.796	25	2.4	2.3	140
PK2W0507-821	821	820	0.796	25	2.2	2.7	130
PK2W0507-102	102	1000	0.252	50	2.0	3.1	120
PK2W0507-122	122	1200	0.252	65	1.5	4.6	110
PK2W0507-152	152	1500	0.252	65	1.3	5.3	100
PK2W0507-182	182	1800	0.252	65	1.2	6.2	90
PK2W0507-222	222	2200	0.252	65	1.1	6.8	80
PK2W0507-272	272	2700	0.252	80	1.0	10	60
PK2W0507-332	332	3300	0.252	75	0.95	12	60
PK2W0507-392	392	3900	0.252	70	0.90	13	55
PK2W0507-472	472	4700	0.252	65	0.90	15	55
PK2W0507-562	562	5600	0.252	65	0.80	22	50
PK2W0507-682	682	6800	0.252	65	0.75	25	45
PK2W0507-822	822	8200	0.252	65	0.70	28	45
PK2W0507-103	103	10000	0.0796	65	0.60	35	35
PK2W0507-123	123	12000	0.0796	65	0.45	45	30
PK2W0507-153	153	15000	0.0796	65	0.40	52	30
PK2W0507-183	183	18000	0.0796	65	0.40	58	30
PK2W0507-223	223	22000	0.0796	65	0.35	80	20
PK2W0507-273	273	27000	0.0796	65	0.30	90	20
PK2W0507-333	333	33000	0.0796	55	0.25	135	15
PK2W0507-393	393	39000	0.0796	55	0.25	150	15
PK2W0507-473	473	47000	0.0796	55	0.25	170	15

A. Tolerance: K: $\pm 10\%$ , M: $\pm 20\%$

B. Inductance measured using the Hp4285 A or Hp4284A ;

C. SRF measured using the Hp4191A

D. DCR measured using the 502BC milli-ohm meter ;

E. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ )



## PK2W0608 SERIES

Part number	Marking	Inductance (uH)	Test Freq(MHz)	Q (MIN)	SRF (MHz) MIN	DCR ( $\Omega$ ) MAX	Rated Current(mA)
PK2W0608-100	100	10	2.52	25	16	0.09	1300
PK2W0608-120	120	12	2.52	25	15	0.10	1100
PK2W0608-150	150	15	2.52	25	13	0.11	1050
PK2W0608-180	180	18	2.52	20	12	0.12	1000
PK2W0608-220	220	22	2.52	25	11	0.12	960
PK2W0608-270	270	27	2.52	25	10	0.17	920
PK2W0608-330	330	33	2.52	25	8.8	0.19	880
PK2W0608-390	390	39	2.52	20	8.4	0.22	860
PK2W0608-470	470	47	2.52	20	8.2	0.23	830
PK2W0608-560	560	56	2.52	20	7.9	0.29	810
PK2W0608-680	680	68	2.52	20	7.0	0.37	750
PK2W0608-820	820	82	2.52	20	6.5	0.39	740
PK2W0608-101	101	100	0.796	30	5.7	0.44	710
PK2W0608-121	121	120	0.796	30	5.2	0.64	680
PK2W0608-151	151	150	0.796	35	4.7	0.73	600
PK2W0608-181	181	180	0.796	35	4.2	0.82	540
PK2W0608-221	221	220	0.796	35	3.7	0.92	450
PK2W0608-271	271	270	0.796	30	3.5	1.3	420
PK2W0608-331	331	330	0.796	40	3.2	1.5	400
PK2W0608-391	391	390	0.796	25	2.9	1.8	370
PK2W0608-471	471	470	0.796	35	2.4	2.3	340
PK2W0608-561	561	560	0.796	35	2.2	3.0	280
PK2W0608-681	681	680	0.796	45	2.0	3.25	250
PK2W0608-821	821	820	0.796	40	1.6	4.16	230
PK2W0608-102	102	1000	0.252	80	1.5	4.55	210
PK2W0608-122	122	1200	0.252	80	1.4	5.20	200
PK2W0608-152	152	1500	0.252	75	1.3	7.54	180
PK2W0608-182	182	1800	0.252	80	1.2	7.54	160
PK2W0608-222	222	2200	0.252	80	1.1	8.32	150
PK2W0608-272	272	2700	0.252	80	1.0	9.62	130
PK2W0608-332	332	3300	0.252	80	0.85	10.92	130
PK2W0608-392	392	3900	0.252	80	0.78	16.12	100
PK2W0608-472	472	4700	0.252	80	0.68	17.81	85
PK2W0608-562	562	5600	0.252	80	0.62	20.0	70
PK2W0608-682	682	6800	0.252	80	0.61	27.3	65
PK2W0608-822	822	8200	0.252	80	0.60	31.2	60
PK2W0608-103	103	10000	0.0796	80	0.48	39.0	58
PK2W0608-123	123	12000	0.0796	80	0.44	42.9	56
PK2W0608-153	153	15000	0.0796	70	0.35	65.0	53
PK2W0608-183	183	18000	0.0796	75	0.30	72.8	50
PK2W0608-223	223	22000	0.0796	80	0.28	82.55	46
PK2W0608-273	273	27000	0.0796	80	0.25	95.42	42
PK2W0608-333	333	33000	0.0796	70	0.23	135.2	38
PK2W0608-393	393	39000	0.0796	70	0.20	154.7	37
PK2W0608-473	473	47000	0.0796	70	0.16	172.9	35

- A. Tolerance: K: $\pm 10\%$ , M: $\pm 20\%$  ;  
 B. Inductance measured using the Hp4285 A or Hp4284A ;  
 C. SRF measured using the Hp4191A ;  
 D. DCR measured using the 502BC milli-ohm meter ;  
 E. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ ) .



## PK2W0707 SERIES

Part number	Marking	Inductance (uH)	Test Freq(MHz)	Q (MIN)	SRF (MHz) MIN	DCR ( $\Omega$ ) MAX	Rated Current(mA)
PK2W0707-1R0	1R0	1.0	7.96	90	100	0.014	5980
PK2W0707-1R5	1R5	1.5	7.96	90	80	0.017	4850
PK2W0707-2R2	2R2	2.2	7.96	90	40	0.017	3560
PK2W0707-3R3	3R3	3.3	7.96	90	40	0.021	2970
PK2W0707-4R7	4R7	4.7	7.96	90	36	0.030	2340
PK2W0707-6R8	6R8	6.8	7.96	90	30	0.054	1980
PK2W0707-100	100	10	2.52	85	15	0.084	1980
PK2W0707-120	120	12	2.52	85	15	0.090	1880
PK2W0707-150	150	15	2.52	65	15	0.11	1650
PK2W0707-180	180	18	2.52	65	15	0.12	1550
PK2W0707-220	220	22	2.52	65	11	0.13	1413
PK2W0707-270	270	27	2.52	50	11	0.14	1278
PK2W0707-330	330	33	2.52	50	11	0.15	1161
PK2W0707-390	390	39	2.52	50	11	0.16	1062
PK2W0707-470	470	47	2.52	50	7.0	0.22	972
PK2W0707-560	560	56	2.52	50	7.0	0.25	891
PK2W0707-680	680	68	2.52	40	7.0	0.31	810
PK2W0707-820	820	82	2.52	40	7.0	0.34	729
PK2W0707-101	101	100	0.796	40	4.0	0.43	675
PK2W0707-121	121	120	0.796	40	4.0	0.56	630
PK2W0707-151	151	150	0.796	60	4.0	0.94	531
PK2W0707-181	181	180	0.796	60	4.0	1.02	504
PK2W0707-221	221	220	0.796	60	4.0	1.14	477
PK2W0707-271	271	270	0.796	60	3.0	1.29	432
PK2W0707-331	331	330	0.796	70	3.0	2.04	387
PK2W0707-391	391	390	0.796	70	2.0	2.24	360
PK2W0707-471	471	470	0.796	70	2.0	2.51	333
PK2W0707-561	561	560	0.796	55	2.0	2.83	306
PK2W0707-681	681	680	0.796	55	2.0	3.08	279
PK2W0707-821	821	820	0.796	55	2.0	3.41	261
PK2W0707-102	102	1000	0.252	75	1.5	3.90	189
PK2W0707-122	122	1200	0.252	75	1.5	4.42	180
PK2W0707-152	152	1500	0.252	75	1.5	5.11	162
PK2W0707-182	182	1800	0.252	75	1.0	5.81	144
PK2W0707-222	222	2200	0.252	75	1.0	8.38	135
PK2W0707-272	272	2700	0.252	75	1.0	9.59	126
PK2W0707-332	332	3300	0.252	75	1.0	11.04	117
PK2W0707-392	392	3900	0.252	75	0.8	12.5	108
PK2W0707-472	472	4700	0.252	75	0.8	14.3	99
PK2W0707-562	562	5600	0.252	70	0.8	16.0	90
PK2W0707-682	682	6800	0.252	70	0.5	20.9	81
PK2W0707-822	822	8200	0.252	70	0.5	29.2	72
PK2W0707-103	103	10000	0.0796	70	0.5	33.4	63
PK2W0707-123	123	12000	0.0796	70	0.5	43.1	54
PK2W0707-153	153	15000	0.0796	70	0.5	50.5	54
PK2W0707-183	183	18000	0.0796	70	0.3	69.1	45
PK2W0707-223	223	22000	0.0796	70	0.3	80.6	36
PK2W0707-273	273	27000	0.0796	70	0.3	94.2	27
PK2W0707-333	333	33000	0.0796	70	0.3	139.0	18
PK2W0707-393	393	39000	0.0796	70	0.3	155.6	18
PK2W0707-473	473	47000	0.0796	70	0.3	176.6	18

A. Tolerance: K:±10% , M:±20%

B. Inductance measured using the Hp4285 A or Hp4284A ;

C. SRF measured using the Hp4191A

D. DCR measured using the 502BC milli-ohm meter ;

E. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ )



## PK2W0810 SERIES

Part number	Marking	Inductance (uH)	Test Freq(MHz)	Q (MIN)	SRF (MHz) MIN	DCR (Ω) MAX	Rated Current(mA)
PK2W0810-1R0	1R0	1.0	7.96	90	100	0.02	3400
PK2W0810-1R2	1R2	1.2	7.96	90	90	0.02	3400
PK2W0810-1R5	1R5	1.5	7.96	95	80	0.02	3400
PK2W0810-1R8	1R8	1.8	7.96	95	75	0.03	3300
PK2W0810-2R2	2R2	2.2	7.96	100	70	0.03	3000
PK2W0810-2R7	2R7	2.7	7.96	110	60	0.04	3000
PK2W0810-3R3	3R3	3.3	7.96	110	56	0.04	3000
PK2W0810-3R9	3R9	3.9	7.96	110	52	0.05	2900
PK2W0810-4R7	4R7	4.7	7.96	110	30	0.05	2900
PK2W0810-5R6	5R6	5.6	7.96	110	30	0.06	2600
PK2W0810-6R8	6R8	6.8	7.96	90	20	0.06	2500
PK2W0810-8R2	8R2	8.2	7.96	80	17	0.06	2000
PK2W0810-100	100	10	2.52	90	12	0.10	1600
PK2W0810-120	120	12	2.52	90	11	0.10	1400
PK2W0810-150	150	15	2.52	90	10	0.10	1300
PK2W0810-180	180	18	2.52	80	9.0	0.11	1200
PK2W0810-220	220	22	2.52	70	8.0	0.13	1100
PK2W0810-270	270	27	2.52	70	7.0	0.14	1000
PK2W0810-330	330	33	2.52	70	7.0	0.16	900
PK2W0810-390	390	39	2.52	70	6.0	0.16	800
PK2W0810-470	470	47	2.52	70	5.5	0.16	700
PK2W0810-560	560	56	2.52	60	5.5	0.22	700
PK2W0810-680	680	68	2.52	60	5.0	0.23	600
PK2W0810-820	820	82	2.52	60	4.5	0.27	500
PK2W0810-101	101	100	0.796	40	4.5	0.29	400
PK2W0810-121	121	120	0.796	40	4.5	0.33	400
PK2W0810-151	151	150	0.796	40	4.5	0.46	350
PK2W0810-181	181	180	0.796	40	4.0	0.51	350
PK2W0810-221	221	220	0.796	40	3.5	0.62	300
PK2W0810-271	271	270	0.796	30	3.0	0.65	250
PK2W0810-331	331	330	0.796	30	3.0	0.79	250
PK2W0810-391	391	390	0.796	30	2.5	0.91	200
PK2W0810-471	471	470	0.796	30	2.5	1.2	180
PK2W0810-561	561	560	0.796	30	2.0	1.2	160
PK2W0810-681	681	680	0.796	30	2.0	1.5	140
PK2W0810-821	821	820	0.796	25	2.0	1.7	140
PK2W0810-102	102	1000	0.252	50	2.0	2.0	120
PK2W0810-122	122	1200	0.252	45	1.5	2.3	100
PK2W0810-152	152	1500	0.252	45	1.5	2.9	80
PK2W0810-182	182	1800	0.252	45	1.5	3.5	80
PK2W0810-222	222	2200	0.252	50	1.0	4.2	70
PK2W0810-272	272	2700	0.252	50	1.0	5.1	60
PK2W0810-332	332	3300	0.252	50	0.9	6.1	60
PK2W0810-392	392	3900	0.252	50	0.8	7.8	50
PK2W0810-472	472	4700	0.252	55	0.7	11	50
PK2W0810-562	562	5600	0.252	55	0.6	11	45
PK2W0810-682	682	6800	0.252	55	0.6	14	45
PK2W0810-822	822	8200	0.252	60	0.6	15	40
PK2W0810-103	103	10000	0.0796	100	0.5	20	35
PK2W0810-123	123	12000	0.0796	100	0.4	24	35
PK2W0810-153	153	15000	0.0796	100	0.4	28	35
PK2W0810-183	183	18000	0.0796	100	0.4	42	30
PK2W0810-223	223	22000	0.0796	100	0.3	43	30
PK2W0810-273	273	27000	0.0796	100	0.3	55	25
PK2W0810-333	333	33000	0.0796	90	0.3	65	25
PK2W0810-393	393	39000	0.0796	90	0.2	87	25
PK2W0810-473	473	47000	0.0796	85	0.2	98	25
PK2W0810-563	563	56000	0.0796	80	0.2	128	20
PK2W0810-683	683	68000	0.0796	70	0.2	141	20
PK2W0810-823	823	82000	0.0796	70	0.2	161	20
PK2W0810-104	104	100000	0.0796	55	0.2	180	20

A. Tolerance: K:±10% , M:±20%

B. Inductance measured using the Hp4285 A or Hp4284A ;

C. SRF measured using the Hp4191A

D. DCR measured using the 502BC milli-ohm meter ;

E. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ )



## PK2W0912 SERIES

Part number	Marking	Inductance (uH)	Test Freq(MHz)	Q (MIN)	SRF (MHz) MIN	DCR ( $\Omega$ ) MAX	Rated Current(mA)
PK2W0912-100	100	10	2.52	110	24	0.04	2800
PK2W0912-120	120	12	2.52	110	18	0.04	2700
PK2W0912-150	150	15	2.52	110	11	0.05	2300
PK2W0912-180	180	18	2.52	90	8.4	0.06	2100
PK2W0912-220	220	22	2.52	90	9.2	0.07	2000
PK2W0912-270	270	27	2.52	90	7.1	0.10	1700
PK2W0912-330	330	33	2.52	90	7.1	0.12	1500
PK2W0912-390	390	39	2.52	80	6.9	0.12	1400
PK2W0912-470	470	47	2.52	70	6.0	0.13	1300
PK2W0912-560	560	56	2.52	70	5.7	0.14	1200
PK2W0912-680	680	68	2.52	60	5.4	0.15	1000
PK2W0912-820	820	82	2.52	50	4.6	0.16	900
PK2W0912-101	101	100	0.796	60	4.0	0.25	700
PK2W0912-121	121	120	0.796	60	3.6	0.28	700
PK2W0912-151	151	150	0.796	55	3.1	0.32	700
PK2W0912-181	181	180	0.796	55	2.8	0.47	600
PK2W0912-221	221	220	0.796	55	2.5	0.53	500
PK2W0912-271	271	270	0.796	50	2.4	0.60	450
PK2W0912-331	331	330	0.796	50	2.0	0.85	400
PK2W0912-391	391	390	0.796	50	2.1	0.95	350
PK2W0912-471	471	470	0.796	40	1.9	1.1	350
PK2W0912-561	561	560	0.796	30	1.8	1.2	300
PK2W0912-681	681	680	0.796	30	1.7	1.3	250
PK2W0912-821	821	820	0.796	30	1.5	1.4	200
PK2W0912-102	102	1000	0.252	70	1.1	2.0	200
PK2W0912-122	122	1200	0.252	70	1.0	2.3	180
PK2W0912-152	152	1500	0.252	70	1.0	2.9	150
PK2W0912-182	182	1800	0.252	70	0.9	3.3	120
PK2W0912-222	222	2200	0.252	70	0.7	4.5	110
PK2W0912-272	272	2700	0.252	70	0.7	5.5	90
PK2W0912-332	332	3300	0.252	60	0.6	5.7	80
PK2W0912-392	392	3900	0.252	60	0.6	6.5	80
PK2W0912-472	472	4700	0.252	60	0.6	7.2	60
PK2W0912-562	562	5600	0.252	60	0.5	9.5	50
PK2W0912-682	682	6800	0.252	60	0.5	11	50
PK2W0912-822	822	8200	0.252	50	0.4	13	50
PK2W0912-103	103	10000	0.0796	120	0.3	16	40
PK2W0912-123	123	12000	0.0796	120	0.3	18	40
PK2W0912-153	153	15000	0.0796	110	0.3	21	40
PK2W0912-183	183	18000	0.0796	110	0.3	23	40
PK2W0912-223	223	22000	0.0796	110	0.2	33	35
PK2W0912-273	273	27000	0.0796	100	0.2	37	35
PK2W0912-333	333	33000	0.0796	90	0.2	42	35
PK2W0912-393	393	39000	0.0796	90	0.2	45	30
PK2W0912-473	473	47000	0.0796	80	0.2	52	30

A. Tolerance: K:±10%, M:±20%

B. Inductance measured using the Hp4285 A or Hp4284A ;

C. SRF measured using the Hp4191A

D. DCR measured using the 502BC milli-ohm meter ;

E. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ )





## PK2W1820 SERIES

Part number	Marking	Inductance (uH)	Test Freq(KHz)	DCR (mΩ) MAX	Rated Current(A)
PK2W1820-220	220	22	1	30	5.7
PK2W1820-270	270	27	1	33	5.0
PK2W1820-330	330	33	1	35	4.8
PK2W1820-390	390	39	1	38	4.5
PK2W1820-470	470	47	1	44	4.2
PK2W1820-560	560	56	1	48	4.0
PK2W1820-680	680	68	1	55	3.8
PK2W1820-820	820	82	1	66	3.5
PK2W1820-101	101	100	1	82	3.2
PK2W1820-121	121	120	1	98	3.0
PK2W1820-151	151	150	1	110	2.7
PK2W1820-181	181	180	1	130	2.5
PK2W1820-221	221	220	1	160	2.3
PK2W1820-271	271	270	1	190	2.0
PK2W1820-331	331	330	1	260	1.8
PK2W1820-391	391	390	1	290	1.7
PK2W1820-471	471	470	1	330	1.5
PK2W1820-561	561	560	1	410	1.4
PK2W1820-681	681	680	1	460	1.3
PK2W1820-821	821	820	1	630	1.1
PK2W1820-102	102	1000	1	710	1.0

A. Tolerance: K:±10%, M:±20%

B. Inductance measured using the Hp4285 A or Hp4284A ;

C. DCR measured using the 502BC milli-ohm meter ;

D. Inductance drops no more than 10% of initial value at rated current , temperature rises  $\Delta t < 25^{\circ}\text{C}$  ( $T_a = 20^{\circ}\text{C}$ )