

KEMET Wire Wound Chip Inductors



This product is RoHS compliant.

L-PW SERIES

Wound Chip Inductors that cover customers' wide range module design by wide-line-up shape, standard, low Rdc, and high electric current series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value μ H	Tol. \pm	SFR (MHz)	DC Res. (Ω)	Rated Current	Test Freq. (MHz)	Price Each				Reel Qty.	Reel Price Ea
Mfr	Mfr Part No.							1	50	100	500		
StandardType													
80	L0805C1R0MPWST	1	20%	100	0.15	300	7.96	.31	.28	.25	.21	3,000	.15
80	L0805C220KPWST	22	20%	15	1.7	75	2.52	.31	.28	.25	.21	3,000	.15
80	L0805C470KPWST	47	20	11	3.7	50	2.52	.31	.28	.25	.21	3,000	.15
80	L0805C101KPWST	100	20	8	7	30	0.796	.31	.28	.25	.21	3,000	.15
80	L0806C100KPWST	10	20%	32	0.5	155	2.52	.31	.28	.25	.21	2,000	.15
80	L0806C220KPWST	22	20%	16	1	105	2.52	.31	.28	.25	.21	2,000	.15
80	L0806C470KPWST	47	20	11	2.4	60	2.52	.31	.28	.25	.21	2,000	.15
80	L0806C101KPWST	100	20	8	4.5	40	0.796	.31	.28	.25	.21	2,000	.15
80	L1007C1R0MPWST	1	20%	100	0.06	500	7.96	.29	.26	.23	.20	2,000	.14
80	L1007C2R2MPWST	2.2	20%	68	0.09	340	7.96	.29	.26	.23	.20	2,000	.14
80	L1007C4R7MPWST	4.7	20%	46	0.13	240	7.96	.29	.26	.23	.20	2,000	.14
80	L1007C100KPWST	10	10%	30	0.25	165	7.96	.29	.26	.23	.20	2,000	.14
80	L1007C220KPWST	22	20%	19	0.5	115	2.52	.31	.28	.25	.21	2,000	.15
80	L1007C470KPWST	47	20%	12	0.95	85	2.52	.31	.28	.25	.21	2,000	.15
80	L1007C101KPWST	100	20%	9	2.1	55	0.796	.31	.28	.25	.21	2,000	.15
80	L1007C221KPWST	220	10%	5.5	4.5	35	0.796	.29	.26	.23	.20	2,000	.14
80	L1007C471KPWST	470	20%	3.5	10	25	0.796	.29	.26	.23	.20	2,000	.14
80	L1007C102KPWST	1000	20%	2.4	24	15	0.252	.29	.26	.23	.20	2,000	.14
80	L1207C1R0MPWST	1	20%	100	0.06	1075	7.96	.35	.32	.28	.24	2,000	.17
80	L1207C2R2MPWST	2.2	20%	68	0.09	775	7.96	.35	.32	.28	.24	2,000	.17
80	L1207C4R7MPWST	4.7	20%	41	0.13	550	7.96	.35	.32	.28	.24	2,000	.17
80	L1207C100KPWST	10	10%	30	0.25	340	7.96	.35	.32	.28	.24	2,000	.17
80	L1207C220KPWST	22	10%	19	0.49	255	2.52	.35	.32	.28	.24	2,000	.17
80	L1207C470KPWST	47	10%	12	0.92	205	2.52	.35	.32	.28	.24	2,000	.17
80	L1207C101KPWST	100	10%	8	2.4	140	0.796	.35	.32	.28	.24	2,000	.17
80	L1207C221KPWST	220	10%	5	5.4	80	0.796	.35	.32	.28	.24	2,000	.17
80	L1207C471KPWST	470	10%	3	14	50	0.796	.35	.32	.28	.24	2,000	.17
80	L1207C102KPWST	1000	10%	2	27	40	0.252	.35	.32	.28	.24	2,000	.17
BottomSurfaceElectrodeType													
80	L0603B1R0MPWFT	1	20%	100	0.09	230	7.96	.49	.44	.39	.34	3,000	.27
80	L0603B2R2MPWFT	2.2	20%	80	0.17	150	7.96	.49	.44	.39	.34	3,000	.27
80	L0603B4R7MPWFT	4.7	10%	45	0.24	100	7.96	.49	.44	.39	.34	3,000	.27
80	L0603B100KPWFT	100	10%	32	0.36	80	7.96	.49	.44	.39	.34	3,000	.27
80	L0603B220KPWFT	220	10%	16	1	50	2.52	.49	.44	.39	.34	3,000	.27
80	L0603B470KPWFT	470	20%	11	2.5	35	2.52	.49	.44	.39	.34	3,000	.27

Inductors KEMET

L-PWS and L-PWF Series

Features:

- Small size wound chip inductor with low DC resistance
- Dimension without directional influence on mountability and characteristics

Applications:

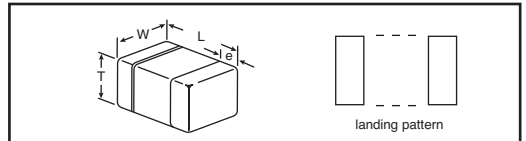
- Digital Still Cameras (DSC), Digital Video Cameras (DVC), PDAs and other portable digital equipment
- Portable telephones and wireless LAN

Specifications:

- Operating Temperature: -25°C to +105°C (including self-generated heat)



RoHS Compliant



Dimensions: mm (in.)

Style	L	W	T	e
1007	3.2	1.8	1.8	.6
	2.5 \pm .2 (.098)	1.8 \pm .2 (.071)	1.8 \pm .2 (.071)	.5 (.020)
0806	2 (.079)	1.6 (.063)	1.6 (.063)	.5 (.02)
2012	2 (.079)	1.25 (.049)	1.25 (.049)	.5 (.02)
0603	1.6 (.063)	.8 (.031)	.8 (.031)	.35 (.014)
0805	2.0 (.079)	1.25 (.049)	1.25 (.049)	.5 (.02)

L-DW SERIES

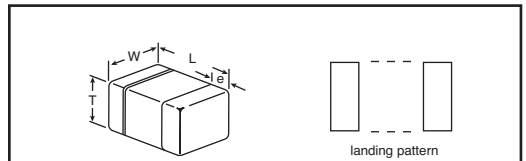
This series corresponds to high electric current compared with LB/LBC series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value μ H	Tol. \pm	SFR (MHz)	DC Res. (Ω)	Rated Current	Test Freq. (MHz)	Price Each				Reel Qty.	Reel Price Ea
Mfr	Mfr Part No.							1	50	100	500		
80	L0805C1R0MDWIT	1.0	20%	100	.19	620	7.960	.52	.47	.42	.36	3,000	.28
80	L0805C2R2MDWIT	2.2	20%	70	.33	430	7.960	.52	.47	.42	.36	3,000	.28
80	L0805C4R7MDWIT	4.7	20%	45	.5	295	7.960	.52	.47	.42	.36	3,000	.28
80	L0805C100MDWIT	100	20%	40	1.2	200	7.960	.52	.47	.42	.36	3,000	.28
80	L0805C220MDWIT	220	20%	16	3.7	130	2.520	.52	.47	.42	.36	3,000	.28
80	L0805C470MDWIT	470	20%	11	5.8	90	2.520	.52	.47	.42	.36	3,000	.28
80	L0805C2R2MDWLT	2.2	20%	80	.39	440	7.960	.70	.63	.56	.49	4,000	.40
80	L0805C4R7MDWLT	4.7	20%	45	.66	275	7.960	.70	.63	.56	.49	4,000	.40
80	L0805C100MDWLT	100	20%	32	1	205	7.960	.70	.63	.56	.49	4,000	.40
80	L0805C220MDWLT	220	20%	23	2.1	150	2.520	.70	.63	.56	.49	4,000	.40
80	L0805C470MDWLT	470	20%	11	4.2	100	2.520	.70	.63	.56	.49	4,000	.40
80	L0806C100MDWIT	100	20%	32	.82	245	7.960	.49	.44	.39	.34	2,000	.27
80	L0806C101MDWIT	101	20%	8	8	75	0.796	.49	.44	.39	.34	2,000	.27
80	L0806C1R0MDWIT	1.0	20%	100	.1	690	7.960	.49	.44	.39	.34	2,000	.27
80	L0806C220MDWIT	220	20%	16	1.8	165	2.520	.49	.44	.39	.34	2,000	.27
80	L0806C2R2MDWIT	2.2	20%	70	.2	520	7.960	.49	.44	.39	.34	2,000	.27
80	L0806C470MDWIT	470	20%	11	4.3	110	2.520	.49	.44	.39	.34	2,000	.27
80	L0806C4R7MDWIT	4.7	20%	45	.37	355	7.960	.49	.44	.39	.34	2,000	.27
80	L1007C100MDWIT	100	20%	30	.36	375	7.960	.49	.44	.39	.34	2,000	.27
80	L1007C101MDWIT	101	20%	9	3.7	125	0.796	.49	.44	.39	.34	2,000	.27
80	L1007C1R0MDWIT	1.0	20%	100	.08	775	7.960	.49	.44	.39	.34	2,000	.27
80	L1007C220MDWIT	220	20%	19	.77	250	2.520	.49	.44	.39	.34	2,000	.27
80	L1007C221MDWIT	221	20%	5.5	8.4	80	0.796	.49	.44	.39	.34	2,000	.27
80	L1007C2R2MDWIT	2.2	20%	2.2	68	0	7.960	.49	.44	.39	.34	2,000	.27
80	L1007C470MDWIT	470	20%	12	1.9	165	2.520	.49	.44	.39	.34	2,000	.27
80	L1007C471MDWIT	471	20%	4.5	22	50	0.796	.49	.44	.39	.34	2,000	.27
80	L1007C4R7MDWIT	4.7	20%	41	.2	510	7.960	.49	.44	.39	.34	2,000	.27
80	L1210R1R0MDWIT	1.0	20%	250	.055	1400	7.960	.70	.63	.56	.49	1,000	.45
80	L1210R2R2MDWIT	2.2	20%	220	.08	1130	7.960	.70	.63	.56	.49	1,000	.45
80	L1210R4R7MDWIT	4.7	20%	70	.1	1010	7.960	.70	.63	.56	.49	1,000	.45
80	L1210R100MDWIT	100	20%	23	.133	900	7.960	.70	.63	.56	.49	1,000	.45
80	L1210R220MDWIT	220	20%	17	.27	620	2.520	.70	.63	.56	.49	1,000	.45
80	L1210R470MDWIT	470	20%	10	.67	390	2.520	.70	.63	.56	.49	1,000	.45
80	L1210R101MDWIT	101	20%	6	1.4	270	0.796	.70	.63	.56	.49	1,000	.45
80	L0603B1R0MDWFT	1.0	20%	100	.09	230	7.960	.52	.47	.42	.36	3,000	.26
80	L0603B2R2MDWFT	2.2	20%	80	.17	150	7.960	.52	.47	.42	.36	3,000	.26
80	L0603B4R7MDWFT	4.7	20%	45	.24	100	7.960	.52	.47	.42	.36	3,000	.26
80	L0603B100KDWFT	100	10%	32	.36	80	7.960	.52	.47	.42	.36	3,000	.26
80	L0603B220KDWFT	220	10%	16	1	50	2.520	.52	.47	.42	.36	3,000	.26
80	L0603B470KDWFT	470	10%	11	2.5	35	2.520	.52	.47	.42	.36	3,000	.26



RoHS Compliant



Dimensions: mm (in.)

Style	L	W	T	e
1210	3.2	2.5	2.5	.6
	2.5 (.126)	2.5 (.098)	2.5 (.098)	.6 (.024)
1007	2.5	1.8	1.8	.5
	2.5 (.098)	1.8 (.071)	1.8 (.071)	.5 (.02)
0805	2 (.079)	1.25 (.049)	1.25 (.049)	.5 (.02)
0806	2 (.079)	1.6 (.063)	1.6 (.063)	.5 (.02)
0603	1.6 (.063)	.8 (.031)	.8 (.031)	.4 (.015)

