



Features

- High resistance to heat and humidity
- Resistance to mechanical shocks and pressure

General Specifications

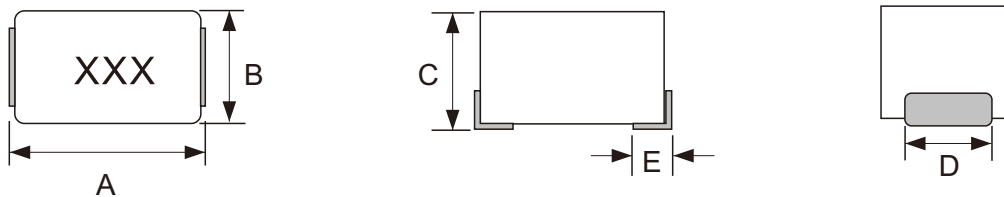
- Storage temp range: -40°C to +85°C
- Operating temp range: -40°C to +85°C

Applications

- Global Positioning Systems
- Network Systems
- Computer Products
- Cordless Telephones



► Dimensions & Configurations (Unit:mm)



Type	A ±0.2	B ±0.2	C±0.2	D ±0.2	E ±0.2
MW1210 (322522)	3.2	2.5	2.2	1.0	0.6
MW1812 (453232)	4.5	3.2	3.2	1.2	1.0

Package: MW1210: 2000PCS/Reel, MW1812: 500PCS/Reel

► Electrical Characteristics For MW1210 Series

Part Number	Inductance [uH]	Q (min)	DCR (max) [Ω]	IDC (max) [mA]	SRF (min) [MHz]	Test Freq [MHz]
MW1210-R15M	0.15 \pm 20%	30	0.25	450	450	25.2
MW1210-R18M	0.18 \pm 20%	30	0.28	450	400	25.2
MW1210-R22M	0.22 \pm 20%	30	0.32	450	350	25.2
MW1210-R27M	0.27 \pm 20%	30	0.36	450	320	25.2
MW1210-R33M	0.33 \pm 20%	30	0.40	450	300	25.2
MW1210-R39M	0.39 \pm 20%	30	0.45	450	250	25.2
MW1210-R47M	0.47 \pm 20%	30	0.50	450	220	25.2
MW1210-R56K	0.56 \pm 10%	30	0.55	450	180	25.2
MW1210-R68K	0.68 \pm 10%	30	0.60	450	160	25.2
MW1210-R82K	0.82 \pm 10%	30	0.65	450	140	25.2
MW1210-1R0J	1.0 \pm 5%	30	0.70	400	120	7.96
MW1210-1R2J	1.2 \pm 5%	30	0.75	390	100	7.96
MW1210-1R5J	1.5 \pm 5%	30	0.85	370	85	7.96
MW1210-1R8J	1.8 \pm 5%	30	0.90	350	80	7.96
MW1210-2R2J	2.2 \pm 5%	30	1.0	320	75	7.96
MW1210-2R7J	2.7 \pm 5%	30	1.1	290	70	7.96
MW1210-3R3J	3.3 \pm 5%	30	1.2	260	60	7.96
MW1210-3R9J	3.9 \pm 5%	30	1.3	250	55	7.96
MW1210-4R7J	4.7 \pm 5%	30	1.5	220	50	7.96
MW1210-5R6J	5.6 \pm 5%	30	1.6	200	45	7.96
MW1210-6R8J	6.8 \pm 5%	30	1.8	180	40	7.96
MW1210-8R2J	8.2 \pm 5%	30	2.0	170	35	7.96
MW1210-100J	10 \pm 5%	30	2.1	150	30	2.52
MW1210-120J	12 \pm 5%	30	2.5	140	20	2.52
MW1210-150J	15 \pm 5%	30	2.8	130	20	2.52
MW1210-180J	18 \pm 5%	30	3.3	120	20	2.52
MW1210-220J	22 \pm 5%	30	3.7	110	20	2.52
MW1210-270J	27 \pm 5%	30	5.0	80	20	2.52
MW1210-330J	33 \pm 5%	30	5.6	70	17	2.52
MW1210-390J	39 \pm 5%	30	6.4	65	16	2.52
MW1210-470J	47 \pm 5%	30	7.0	60	15	2.52
MW1210-560J	56 \pm 5%	30	8.0	55	13	2.52
MW1210-680J	68 \pm 5%	30	9.0	50	12	2.52
MW1210-820J	82 \pm 5%	30	10	45	11	2.52
MW1210-101J	100 \pm 5%	20	10	40	10	0.796
MW1210-121J	120 \pm 5%	20	11	70	10	0.796
MW1210-151J	150 \pm 5%	20	15	65	8	0.796
MW1210-181J	180 \pm 5%	20	17	60	7	0.796
MW1210-221J	220 \pm 5%	20	21	50	7	0.796

► Electrical Characteristics For MW1812 Series

Part Number	Inductance [μ H]	Q (min)	DCR (max) [Ω]	IDC (max) [mA]	SRF (min) [MHz]	Test Freq [MHz]
MW1812-R10M	0.10 \pm 20%	35	0.18	800	300	25.2
MW1812-R12M	0.12 \pm 20%	35	0.20	770	280	25.2
MW1812-R15M	0.15 \pm 20%	35	0.22	730	250	25.2
MW1812-R18M	0.18 \pm 20%	35	0.24	700	220	25.2
MW1812-R22M	0.22 \pm 20%	40	0.25	665	200	25.2
MW1812-R27M	0.27 \pm 20%	40	0.26	635	180	25.2
MW1812-R33M	0.33 \pm 20%	40	0.28	605	165	25.2
MW1812-R39M	0.39 \pm 20%	40	0.30	575	150	25.2
MW1812-R47M	0.47 \pm 20%	40	0.32	545	145	25.2
MW1812-R56K	0.56 \pm 10%	40	0.36	520	140	25.2
MW1812-R68K	0.68 \pm 10%	40	0.40	500	135	25.2
MW1812-R82K	0.82 \pm 10%	40	0.45	475	130	25.2
MW1812-1R0J	1.0 \pm 10%	50	0.50	450	100	7.96
MW1812-1R2J	1.2 \pm 10%	50	0.55	430	80	7.96
MW1812-1R5J	1.5 \pm 10%	50	0.60	410	70	7.96
MW1812-1R8J	1.8 \pm 10%	50	0.65	390	60	7.96
MW1812-2R2J	2.2 \pm 10%	50	0.70	380	55	7.96
MW1812-2R7J	2.7 \pm 10%	50	0.75	370	50	7.96
MW1812-3R3J	3.3 \pm 10%	50	0.80	355	45	7.96
MW1812-3R9J	3.9 \pm 10%	50	0.90	330	40	7.96
MW1812-4R7J	4.7 \pm 10%	50	1.0	315	35	7.96
MW1812-5R6J	5.6 \pm 10%	50	1.1	300	33	7.96
MW1812-6R8J	6.8 \pm 10%	50	1.2	285	27	7.96
MW1812-8R2J	8.2 \pm 10%	50	1.4	270	25	7.96
MW1812-100J	10 \pm 5%	50	1.6	250	20	2.52
MW1812-120J	12 \pm 5%	50	2.0	225	18	2.52
MW1812-150J	15 \pm 5%	50	2.5	200	17	2.52
MW1812-180J	18 \pm 5%	50	2.8	190	15	2.52
MW1812-220J	22 \pm 5%	50	3.2	180	13	2.52
MW1812-270J	27 \pm 5%	50	3.6	170	12	2.52
MW1812-330J	33 \pm 5%	50	4.0	160	11	2.52
MW1812-390J	39 \pm 5%	50	4.5	150	10	2.52
MW1812-470J	47 \pm 5%	50	5.0	140	10	2.52
MW1812-560J	56 \pm 5%	50	5.5	135	9.0	2.52
MW1812-680J	68 \pm 5%	50	6.0	130	9.0	2.52
MW1812-820J	82 \pm 5%	50	7.0	120	8.0	2.52
MW1812-101J	100 \pm 5%	40	8.0	110	8.0	0.796
MW1812-121J	120 \pm 5%	40	8.0	110	6.0	0.796
MW1812-151J	150 \pm 5%	40	9.0	105	5.0	0.796
MW1812-181J	180 \pm 5%	40	9.5	102	5.0	0.796
MW1812-221J	220 \pm 5%	40	10	100	4.0	0.796
MW1812-271J	270 \pm 5%	40	12	92	4.0	0.796
MW1812-331J	330 \pm 5%	40	14	85	3.5	0.796
MW1812-391J	390 \pm 5%	40	18	80	3.0	0.796
MW1812-471J	470 \pm 5%	40	26	62	3.0	0.796
MW1812-561J	560 \pm 5%	30	30	50	3.0	0.796
MW1812-681J	680 \pm 5%	30	30	50	3.0	0.796
MW1812-821J	820 \pm 5%	30	35	30	2.5	0.796
MW1812-102J	1000 \pm 5%	20	40	30	2.5	0.796