

STANDARD PART LISTING

Capacitance (µF)	WVDC	IC [®] PART NUMBER	Maximum ESR Ω 120Hz, +20°C	Impedance Ω +20°C/-10°C 100kHz	Maximum RMS Ripple Current (mA) +105°C 100kHz	Dimensions DxL (mm)
0.47	100	474KXM100M	282.190	45/121.5	20	5x11
0.68	100	684KXM100M	195.043	25/67.5	24	5x11
1	100	105KXM100M	132.629	17/46	26	5x11
1.5	100	155KXM100M	88.419	10/27	33	5x11
2.2	100	225KXM100M	60.286	6.8/18.36	45	5x11
3.3	100	335KXM100M	40.191	4.15/11.205	55	5x11
4.7	50	475KXM050M	35.274	1.699/5.096	80	5x11
4.7	100	475KXM100M	28.219	3/8.1	70	6.3x11
6.8	100	685KXM100M	19.504	2/5.4	85	6.3x11
10	50	106KXM050M	16.579	1.331/3.992	110	5x11
10	63	106KXM063M	13.263	1.08/2.16	137	5x11
10	100	106KXM100M	13.263	1.25/3.375	106	6.3x11
12	63	126KXM063M	11.052	0.95/1.9	148	5x11
12	100	126KXM100M	11.052	1/2.7	115	6.3x11
15	63	156KXM063M	8.842	0.75/1.5	185	6.3x11
15	100	156KXM100M	8.842	0.82/2.214	132	6.3x15
18	63	186KXM063M	7.368	0.64/1.28	198	6.3x11
18	100	186KXM100M	7.368	0.69/1.863	155	6.3x15
22	50	226KXM050M	7.536	0.34/1.18	238	5x11
22	63	226KXM063M	6.029	0.53/1.06	220	6.3x11
22	100	226KXM100M	6.029	0.57/1.54	230	8x11.5
27	63	276KXM063M	4.912	0.43/0.86	240	6.3x11
27	100	276KXM100M	4.912	0.5/1.4	270	10x12.5
27	100	276KXM100MJP	4.912	0.48/1.3	280	8x15
33	35	336KXM035M	6.029	0.3/1	250	5x11
33	50	336KXM050M	5.024	0.564/1.411	230	6.3x11
33	63	336KXM063M	4.019	0.36/0.72	308	6.3x15
33	100	336KXM100M	4.019	0.44/1.19	295	10x12.5
33	100	336KXM100MJP	4.019	0.4/1.08	300	8x15
39	63	396KXM063M	3.401	0.31/0.62	325	6.3x15
39	100	396KXM100M	3.401	0.38/1.03	340	10x15
39	100	396KXM100MJU	3.401	0.34/0.92	350	8x20
47	25	476KXM025M	4.938	0.3/1	250	5x11
47	50	476KXM050M	3.527	0.453/1.132	270	6.3x11
47	63	476KXM063M	2.822	0.26/0.52	370	8x11.5
47	100	476KXM100M	2.822	0.3/0.81	420	10x20
47	100	476KXM100MNP	2.822	0.33/0.89	400	12.5x15
56	16	566KXM016M	4.737	0.3/1	250	5x11
56	35	566KXM035M	3.553	0.13/0.41	405	6.3x11
56	50	566KXM050M	2.960	0.14/0.5	385	6.3x11
56	63	566KXM063M	2.368	0.24/0.48	445	10x12.5
56	63	566KXM063MJP	2.368	0.22/0.44	460	8x15
56	100	566KXM100M	2.368	0.25/0.675	455	10x20
56	100	566KXM100MNP	2.368	0.29/0.78	430	12.5x15

Capacitance (µF)	WVDC	IC [®] PART NUMBER	Maximum ESR Ω 120Hz, +20°C	Impedance Ω +20°C/-10°C 100kHz	Maximum RMS Ripple Current (mA) +105°C 100kHz	Dimensions DxL (mm)
68	16	686KXM016M	3.901	0.5/1.25	180	5x11
68	35	686KXM035M	2.926	0.397/0.991	280	6.3x11
68	50	686KXM050M	2.438	0.352/0.88	380	8x11.5
68	100	686KXM100MNP	1.950	0.25/0.675	465	12.5x15
82	63	826KXM063M	1.617	0.16/0.32	580	10x15
82	63	826KXM063MJU	1.617	0.17/0.34	600	8x20
82	100	826KXM100M	1.617	0.2/0.54	610	10x31.5
82	100	826KXM100MQP	1.617	0.21/0.567	680	16x15
100	10	107KXM010M	3.150	0.3/1	250	5x11
100	25	107KXM025M	2.321	0.13/0.41	405	6.3x11
100	50	107KXM050M	1.658	0.074/0.22	724	8x11.5
100	50	107KXM050MME	1.658	0.17/0.68	555	8x11.5
100	63	107KXM063M	1.326	0.13/0.26	748	10x20
100	63	107KXM063MNP	1.326	0.15/0.3	700	12.5x15
100	100	107KXM100M	1.326	0.16/0.432	660	10x31.5
100	100	107KXM100MQP	1.326	0.18/0.486	715	16x15
120	16	127KXM016M	2.210	0.13/0.41	405	6.3x11
120	50	127KXM050M	1.382	0.061/0.18	950	8x15
120	63	127KXM063M	1.105	0.11/0.22	820	10x20
120	63	127KXM063MNP	1.105	0.125/0.15	755	12.5x15
120	100	127KXM100M	1.105	0.135/0.351	770	12.5x25
120	100	127KXM100MQP	1.105	0.15/0.405	795	16x15
150	6.3	157KXM6R3M	2.432	0.3/1	250	5x11
150	35	157KXM035M	1.326	0.072/0.22	760	8x11.5
150	50	157KXM050M	1.105	0.061/0.18	979	10x12.5
150	63	157KXM063M	0.884	0.092/0.184	940	10x25
150	63	157KXM063MNP	0.884	0.095/0.19	847	12.5x15
150	100	157KXM100M	0.884	0.12/0.324	800	12.5x25
150	100	157KXM100MRP	0.884	0.13/0.351	915	18x15
180	50	187KXM050M	0.921	0.046/0.14	1190	8x20
180	63	187KXM063M	0.737	0.077/0.154	1100	10x31.5
180	63	187KXM063MQP	0.737	0.082/0.164	1025	16x15
180	100	187KXM100M	0.737	0.1/0.27	900	12.5x31.5
180	100	187KXM100MQU	0.737	0.11/0.3	995	16x20
220	10	227KXM010M	1.432	0.13/0.41	405	6.3x11
220	25	227KXM025M	1.055	0.072/0.22	760	8x11.5
220	35	227KXM035MLN	0.904	0.128/0.319	630	10x12.5
220	35	227KXM035M	0.904	0.056/0.17	995	8x15
220	50	227KXM050M	0.754	0.042/0.12	1370	10x16
220	50	227KXM050MME	0.754	0.084/0.34	1050	10x16
220	63	227KXM063M	0.603	0.067/0.134	1145	12.5x20
220	63	227KXM063MQP	0.603	0.072/0.144	1125	16x15
220	100	227KXM100M	0.603	0.088/0.238	1000	12.5x35.5
220	100	227KXM100MQV	0.603	0.094/0.254	1150	16x25

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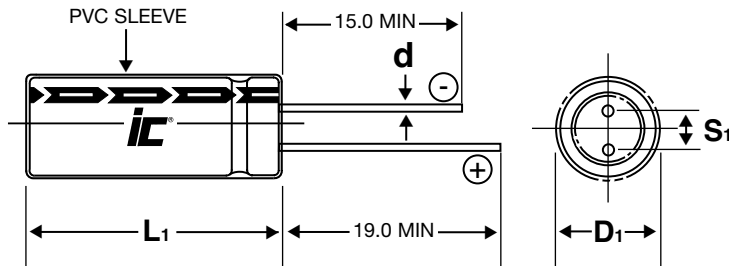
Capacitance (µF)	WVDC	IC® PART NUMBER	Maximum ESR Ω 120Hz, +20°C	Impedance Ω +20°C/-10°C 100kHz	Maximum RMS Ripple Current (mA) +105°C 100kHz	Dimensions DxL (mm)
270	35	277KXM035M	0.737	0.041/0.13	1250	8x20
270	50	277KXM050M	0.614	0.03/0.09	1580	10x20
270	63	277KXM063M	0.491	0.056/0.112	1350	12.5x25
270	63	277KXM063MRP	0.491	0.06/0.12	1300	18x15
270	100	277KXM100M	0.491	0.074/0.2	1110	12.5x40
270	100	277KXM100MRU	0.491	0.082/0.221	1225	18x20
330	6.3	337KXM6R3M	1.105	0.13/0.41	405	6.3x11
330	16	337KXM016M	0.804	0.072/0.22	760	8x11.5
330	25	337KXM025MLN	0.703	0.108/0.27	700	10x12.5
330	25	337KXM025M	0.703	0.056/0.17	995	8x15
330	35	337KXM035M	0.603	0.038/0.12	1430	10x16
330	50	337KXM050M	0.502	0.028/0.085	1870	10x25
330	63	337KXM063M	0.402	0.05/0.1	1425	12.5x25
330	63	337KXM063MRP	0.402	0.051/0.102	1400	18x15
330	100	337KXM100M	0.402	0.065/0.176	1520	16x31.5
330	100	337KXM100MRV	0.402	0.072/0.194	1425	18x25
390	63	397KXM063M	0.340	0.044/0.088	1625	12.5x31.5
390	63	397KXM063MQU	0.340	0.047/0.094	1500	16x20
390	100	397KXM100M	0.340	0.055/0.149	1725	16x35.5
390	100	397KXM100MRW	0.340	0.063/0.17	1600	18x31.5
470	10	477KXM010M	0.670	0.072/0.22	760	8x11.5
470	10	477KXM010MME	0.670	0.13/0.52	640	8x11.5
470	16	477KXM016MLN	0.564	0.093/0.233	660	10x12.5
470	16	477KXM016M	0.564	0.056/0.17	995	8x15
470	25	477KXM025MLQ	0.494	0.088/0.221	920	10x16
470	25	477KXM025M	0.494	0.041/0.13	1250	8x20
470	35	477KXM035M	0.423	0.023/0.069	1820	10x20
470	50	477KXM050M	0.353	0.027/0.068	2050	12.5x20
470	63	477KXM063M	0.282	0.04/0.08	1785	12.5x35.5
470	63	477KXM063MQV	0.282	0.042/0.084	1700	16x25
470	100	477KXM100M	0.282	0.049/0.132	1920	16x40
470	100	477KXM100MRV	0.282	0.056/0.157	1775	18x35.5
560	6.3	567KXM6R3M	0.651	0.072/0.22	760	8x11.5
560	35	567KXM035M	0.355	0.022/0.066	2150	10x25
560	50	567KXM050M	0.296	0.023/0.059	2410	12.5x25
560	63	567KXM063M	0.237	0.036/0.072	1950	12.5x40
560	63	567KXM063MRU	0.237	0.04/0.08	1725	18x20
560	100	567KXM100M	0.237	0.043/0.116	2050	18x35.5
680	10	687KXM010MLN	0.463	0.077/0.194	760	10x12.5
680	10	687KXM010M	0.463	0.056/0.17	995	8x15
680	16	687KXM016MLQ	0.390	0.074/0.184	880	10x16
680	16	687KXM016M	0.390	0.041/0.13	1250	8x20
680	25	687KXM025M	0.341	0.023/0.069	1820	10x20
680	35	687KXM035M	0.293	0.021/0.053	2360	12.5x20

Capacitance (µF)	WVDC	IC® PART NUMBER	Maximum ESR Ω 120Hz, +20°C	Impedance Ω +20°C/-10°C 100kHz	Maximum RMS Ripple Current (mA) +105°C 100kHz	Dimensions DxL (mm)
680	50	687KXM050M	0.244	0.021/0.052	2860	12.5x31.5
680	63	687KXM063M	0.195	0.033/0.066	2050	16x31.5
680	63	687KXM063MRV	0.195	0.036/0.072	1950	18x25
680	100	687KXM100M	0.195	0.038/0.103	2300	18x40
820	6.3	827KXM6R3M	0.445	0.056/0.17	995	8x15
820	25	827KXM025M	0.283	0.022/0.066	2150	10x25
820	50	827KXM050M	0.202	0.019/0.051	3960	12.5x35.5
820	63	827KXM063M	0.162	0.03/0.06	2225	16x35.5
820	63	827KXM063MRW	0.162	0.032/0.064	2100	18x31.5
1000	6.3	108KXM6R3M	0.365	0.053/0.16	1030	10x12.5
1000	10	108KXM010MLQ	0.315	0.063/0.158	1030	10x16
1000	10	108KXM010M	0.315	0.041/0.13	1250	8x20
1000	16	108KXM016M	0.265	0.023/0.069	1820	10x20
1000	25	108KXM025M	0.199	0.021/0.053	2360	12.5x20
1000	35	108KXM035M	0.199	0.018/0.045	2770	12.5x25
1000	50	108KXM050M	0.166	0.021/0.056	3010	16x25
1000	63	108KXM063M	0.133	0.028/0.056	2375	16x40
1000	63	108KXM063MRV	0.133	0.03/0.06	2280	18x35.5
1200	6.3	128KXM6R3MLQ	0.332	0.058/0.144	1090	10x16
1200	6.3	128KXM6R3M	0.332	0.041/0.13	1250	8x20
1200	10	128KXM010M	0.290	0.023/0.069	1820	10x20
1200	16	128KXM016M	0.249	0.022/0.066	2150	10x25
1200	25	128KXM025M	0.221	0.05/0.124	1730	12.5x20
1200	35	128KXM035M	0.193	0.016/0.041	3290	12.5x31.5
1200	50	128KXM050MQW	0.138	0.042/0.083	2710	16x31.5
1200	63	128KXM063M	0.138	0.026/0.052	2500	18x40
1500	6.3	158KXM6R3M	0.265	0.023/0.069	1820	10x20
1500	10	158KXM010M	0.232	0.022/0.066	2150	10x25
1500	16	158KXM016M	0.199	0.021/0.053	2360	12.5x20
1500	25	158KXM025M	0.177	0.018/0.045	2770	12.5x25
1500	35	158KXM035M	0.155	0.015/0.039	3400	12.5x35.5
1500	35	158KXM035MQV	0.155	0.04/0.079	2250	16x25
1500	50	158KXM050M	0.133	0.035/0.071	3010	16x35.5
1800	25	188KXM025M	0.147	0.016/0.041	3290	12.5x31.5
1800	35	188KXM035M	0.129	0.016/0.043	3460	16x25
2200	6.3	228KXM6R3M	0.196	0.022/0.066	2150	10x25
2200	10	228KXM010M	0.173	0.021/0.053	2360	12.5x20
2200	16	228KXM016M	0.151	0.018/0.045	2770	12.5x25
2200	25	228KXM025M	0.136	0.015/0.039	3400	12.5x35.5
2200	25	228KXM025MQV	0.136	0.032/0.065	2390	16x25
2200	35	228KXM035M	0.121	0.031/0.077	2880	16x31.5
2200	50	228KXM050M	0.106	0.027/0.055	3690	18x35.5
2700	16	278KXM016M	0.123	0.016/0.041	3290	12.5x31.5
2700	25	278KXM025M	0.111	0.016/0.043	3460	16x25

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3300	6.3	338KXM6R3M	0.141	0.021/0.053	2360	12.5x20
3300	10	338KXM010M	0.126	0.018/0.045	2770	12.5x25
3300	16	338KXM016M	0.111	0.015/0.039	3400	12.5x35.5
3300	16	338KXM016MQV	0.111	0.029/0.057	2200	16x25
3300	25	338KXM025M	0.100	0.027/0.054	3020	16x31.5
3300	35	338KXM035M	0.090	0.026/0.064	3650	18x35.5
3300	50	338KXM050M	0.080	0.023/0.046	4350	18x40
3900	6.3	398KXM6R3M	0.119	0.018/0.045	2770	12.5x25
3900	10	398KXM010M	0.106	0.016/0.041	3290	12.5x31.5
3900	16	398KXM016M	0.094	0.016/0.043	3460	16x25
4700	6.3	478KXM6R3M	0.106	0.016/0.041	3290	12.5x31.5
4700	10	478KXM010M	0.095	0.015/0.039	3400	12.5x35.5
4700	10	478KXM010MQV	0.095	0.025/0.051	2350	16x25

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4700	16	478KXM016M	0.085	0.024/0.048	2670	16x31.5
4700	25	478KXM025M	0.078	0.023/0.046	3700	18x35.5
5600	6.3	568KXM6R3M	0.095	0.015/0.039	3400	12.5x35.5
5600	10	568KXM010M	0.086	0.016/0.043	3460	16x25
6800	6.3	688KXM6R3M	0.083	0.016/0.043	3460	16x25
6800	10	688KXM010M	0.076	0.023/0.045	2850	16x31.5
6800	16	688KXM016M	0.068	0.022/0.043	3280	18x35.5
10000	6.3	109KXM6R3M	0.055	0.022/0.043	3000	16x31.5
10000	10	109KXM010M	0.061	0.021/0.041	3430	18x35.5
10000	16	109KXM016M	0.060	0.019/0.039	3670	18x40
15000	6.3	159KXM6R3M	0.048	0.02/0.041	3610	18x35.5
15000	10	159KXM010M	0.052	0.019/0.039	3850	18x40



NOTE: Case Vent is standard on all diameter ≥8.0mm

D	5.0	6.3	8.0	10.0	12.5	16.0	18.0
d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
S	2.0	2.5	3.5	5.0	5.0	7.5	7.5

L₁=L + 2.0 Max.
D₁=D + 0.5 mm Max.
S₁=S ± 0.5 mm Max.