

Overview

The KEMET ESX radial aluminum electrolytic capacitors are designed for long life (up to 5,000 hours) and high frequency applications.

Applications

Typical applications include high frequency switch mode circuits.

Benefits

- Low impedance
- Suited for long life, high reliability applications
- Operating temperature of up to 105°C
- 5,000 hour operating life
- High ripple current
- Safety vent on the capacitor base



Part Number System

ESX	107	M	6R3		A	C3	AA
Series	Capacitance Code (pF)	Tolerance	Rated Voltage (VDC)		Electrical Parameters	Size Code	Packaging
Radial Aluminum Electrolytic	First two digits represent significant figures for capacitance values. Last digit specifies the number of zeros to be added.	M = ±20%	6R3 = 6.3 010 = 10 016 = 16 025 = 25	035 = 35 050 = 50 063 = 63 080 = 80 100 = 100	A = Standard	See Dimension Table	See Ordering Options Table

Table 1 – Ratings & Part Number Reference

Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
6.3	8	100.0	5 x 11	22	166	1.500	1.500	8.0	ESX107M6R3AC3(1)
6.3	8	100.0	8 x 11	22	180	0.610	0.610	8.0	ESX107M6R3AG3(1)
6.3	8	120.0	5 x 11	22	175	1.300	1.300	9.6	ESX127M6R3AC3(1)
6.3	8	120.0	8 x 11	22	200	0.610	0.610	9.6	ESX127M6R3AG3(1)
6.3	8	150.0	6.3 x 11	22	225	0.920	0.920	12.0	ESX157M6R3AE3(1)
6.3	8	220.0	8 x 11	22	285	0.610	0.610	17.6	ESX227M6R3AG3(1)
6.3	8	330.0	8 x 11	22	410	0.400	0.400	26.4	ESX337M6R3AG3(1)
6.3	8	470.0	10 x 12	22	550	0.280	0.280	37.6	ESX477M6R3AH1(1)
6.3	8	680.0	10 x 15	22	735	0.220	0.220	54.4	ESX687M6R3AH2(1)
6.3	8	820.0	10 x 15	22	795	0.190	0.190	65.6	ESX827M6R3AH2(1)
6.3	8	1,000.0	10 x 20	22	950	0.170	0.170	80.0	ESX108M6R3AH4(1)
6.3	8	1,200.0	10 x 20	22	1,020	0.140	0.140	96.0	ESX128M6R3AH4(1)
6.3	8	1,500.0	10 x 20	22	1,000	0.140	0.140	120.0	ESX158M6R3AH4(1)
6.3	8	1,500.0	10 x 25	22	1,200	0.120	0.120	120.0	ESX158M6R3AH5(1)
6.3	8	2,200.0	10 x 30	22	1,450	0.095	0.095	176.0	ESX228M6R3AH6(1)
6.3	8	3,300.0	12 x 35	22	1,700	0.081	0.081	264.0	ESX338M6R3AJP(1)
6.3	8	4,700.0	12 x 35	22	2,110	0.063	0.063	376.0	ESX478M6R3AJP(1)
6.3	8	6,800.0	16 x 32	22	2,350	0.055	0.055	544.0	ESX688M6R3AM2(1)
6.3	8	8,200.0	16 x 36	22	2,550	0.047	0.047	656.0	ESX828M6R3AM3(1)
6.3	8	10,000.0	16 x 40	22	2,750	0.039	0.039	800.0	ESX109M6R3AM4(1)
6.3	8	15,000.0	18 x 40	22	2,950	0.037	0.037	1200.0	ESX159M6R3AN3(1)
10	13	10.0	5 x 11	19	20	5.900	5.900	3.0	ESX106M010AC3(1)
10	13	22.0	5 x 11	19	44	5.400	5.400	3.0	ESX226M010AC3(1)
10	13	33.0	5 x 11	19	66	3.300	3.300	4.3	ESX336M010AC3(1)
10	13	47.0	5 x 11	19	94	2.200	2.200	6.1	ESX476M010AC3(1)
10	13	68.0	5 x 11	19	136	1.300	1.300	8.8	ESX686M010AC3(1)
10	13	100.0	5 x 11	19	170	1.150	1.150	13.0	ESX107M010AC3(1)
10	13	100.0	6.3 x 11	19	200	1.150	1.150	13.0	ESX107M010AE3(1)
10	13	100.0	8 x 7	19	195	1.000	1.000	13.0	ESX107M010AG1(1)
10	13	120.0	6.3 x 11	19	240	0.910	0.910	15.6	ESX127M010AE3(1)
10	13	150.0	6.3 x 11	19	265	0.700	0.700	19.5	ESX157M010AE3(1)
10	13	180.0	6.3 x 11	19	275	0.650	0.650	23.4	ESX187M010AE3(1)
10	13	220.0	6.3 x 11	19	290	0.590	0.590	28.6	ESX227M010AE3(1)
10	13	220.0	8 x 11	19	370	0.480	0.480	28.6	ESX227M010AG3(1)
10	13	330.0	8 x 11	19	470	0.330	0.330	42.9	ESX337M010AG3(1)
10	13	470.0	10 x 12	19	590	0.24	0.24	61.1	ESX477M010AH1(1)
10	13	470.0	8 x 11	19	480	0.300	0.300	61.1	ESX477M010AG3(1)
10	13	680.0	10 x 15	19	750	0.17	0.17	88.4	ESX687M010AH2(1)
10	13	680.0	8 x 20	19	790	0.180	0.180	88.4	ESX687M010AG6(1)
10	13	820.0	10 x 20	19	990	0.14	0.14	106.6	ESX827M010AH4(1)
10	13	1,000.0	10 x 15	19	900	0.135	0.135	130	ESX108M010AH2(1)
10	13	1,000.0	10 x 20	19	1060	0.12	0.12	130	ESX108M010AH4(1)
10	13	1,200.0	10 x 25	19	1290	0.12	0.12	156	ESX128M010AH5(1)
10	13	1,500.0	10 x 30	19	1450	0.093	0.093	195	ESX158M010AH6(1)
10	13	2,200.0	12 x 30	19	1570	0.087	0.087	286	ESX228M010AJM(1)
10	13	2,200.0	13 x 20	19	1900	0.073	0.073	286	ESX228M010AL3(1)
10	13	3,300.0	10 x 30	19	1690	0.077	0.077	429	ESX338M010AH6(1)
10	13	3,300.0	12 x 35	19	2110	0.062	0.062	429	ESX338M010AJP(1)
10	13	4,700.0	13 x 40	19	2300	0.057	0.057	611	ESX478M010AL7(1)
10	13	4,700.0	16 x 32	19	2450	0.054	0.054	611	ESX478M010AM2(1)
10	13	6,800.0	16 x 36	19	2680	0.046	0.046	884	ESX688M010AM3(1)
10	13	8,200.0	16 x 40	19	2850	0.038	0.038	1066	ESX828M010AM4(1)
10	13	10,000.0	16 x 40	19	3050	0.037	0.037	1300	ESX109M010AM4(1)
16	20	10.0	5 x 11	16	42	1.180	1.180	3.0	ESX106M016AC3(1)
16	20	22.0	5 x 11	16	53	3.300	3.300	4.4	ESX226M016AC3(1)
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number

(1) Insert packaging code. See Ordering Options Table for available options.

* When capacitance exceeds 1,000 µF, the DF value (%) is increased by 2% for every additional 1,000 µF.

Table 1 – Ratings & Part Number Reference cont.

Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
16	20	33.0	5 x 11	16	79	2.100	2.100	6.6	ESX336M016AC3(1)
16	20	47.0	5 x 11	16	113	1.300	1.300	9.4	ESX476M016AC3(1)
16	20	68.0	5 x 11	16	145	0.920	0.920	13.6	ESX686M016AC3(1)
16	20	68.0	6.3 x 11	16	163	0.920	0.920	13.6	ESX686M016AE3(1)
16	20	100.0	6.3 x 11	16	190	1.100	1.100	20.0	ESX107M016AE3(1)
16	20	100.0	8 x 11	16	241	0.890	0.890	20.0	ESX107M016AG3(1)
16	20	120.0	8 x 11	16	290	0.580	0.580	24.0	ESX127M016AG3(1)
16	20	150.0	8 x 11	16	380	0.470	0.470	30.0	ESX157M016AG3(1)
16	20	220.0	8 x 11	16	410	0.330	0.330	44.0	ESX227M016AG3(1)
16	20	330.0	10 x 12	16	600	0.230	0.230	66.0	ESX337M016AH1(1)
16	20	470.0	10 x 15	16	750	0.180	0.180	94.0	ESX477M016AH2(1)
16	20	470.0	8 x 20	16	710	0.180	0.180	94.0	ESX477M016AG6(1)
16	20	560.0	10 x 15	16	890	0.160	0.160	112.0	ESX567M016AH2(1)
16	20	680.0	10 x 20	16	1,050	0.140	0.140	136.0	ESX687M016AH4(1)
16	20	820.0	10 x 25	16	1,220	0.120	0.120	164.0	ESX827M016AH5(1)
16	20	1,000.0	10 x 30	16	1,400	0.091	0.091	200.0	ESX108M016AH6(1)
16	20	1,200.0	10 x 25	16	1,240	0.100	0.100	240.0	ESX128M016AH5(1)
16	20	1,200.0	12 x 25	16	1,450	0.086	0.086	240.0	ESX128M016AJK(1)
16	20	1,500.0	12 x 25	16	1,650	0.072	0.072	300.0	ESX158M016AJK(1)
16	20	2,200.0	12 x 30	16	1,820	0.069	0.069	440.0	ESX228M016AJM(1)
16	20	2,200.0	13 x 25	16	2,000	0.063	0.063	440.0	ESX228M016AL4(1)
16	20	3,300.0	13 x 40	16	2,400	0.055	0.055	660.0	ESX338M016AL7(1)
16	20	4,700.0	16 x 36	16	2,650	0.046	0.046	940.0	ESX478M016AM3(1)
16	20	6,800.0	18 x 36	16	2,900	0.040	0.040	1360.0	ESX688M016AN2(1)
16	20	8,200.0	18 x 40	16	3,050	0.036	0.036	1640.0	ESX828M016AN3(1)
25	32	22.0	5 x 11	14	66	3.300	3.300	7.0	ESX226M025AC3(1)
25	32	33.0	5 x 11	14	33	1.300	1.300	10.6	ESX336M025AC3(1)
25	32	47.0	5 x 11	14	141	1.100	1.100	15.0	ESX476M025AC3(1)
25	32	68.0	8 x 11	14	204	0.570	0.570	21.8	ESX686M025AG3(1)
25	32	100.0	6.3 x 11	14	240	0.530	0.530	32.0	ESX107M025AE3(1)
25	32	100.0	8 x 11	14	300	0.420	0.420	32.0	ESX107M025AG3(1)
25	32	120.0	8 x 11	14	400	0.380	0.380	38.4	ESX127M025AG3(1)
25	32	150.0	10 x 12	14	460	0.330	0.330	48.0	ESX157M025AH1(1)
25	32	220.0	10 x 15	14	630	0.230	0.230	70.4	ESX227M025AH1(1)
25	32	330.0	10 x 12	14	690	0.220	0.220	105.6	ESX337M025AH1(1)
25	32	330.0	10 x 15	14	800	0.190	0.190	105.6	ESX337M025AH2(1)
25	32	470.0	10 x 15	14	590	0.165	0.165	150.4	ESX477M025AH2(1)
25	32	470.0	10 x 20	14	1,050	0.140	0.140	150.4	ESX477M025AH4(1)
25	32	560.0	10 x 20	14	1,170	0.120	0.120	179.2	ESX567M025AH4(1)
25	32	560.0	12 x 16	14	1,200	0.120	0.120	179.2	ESX567M025AJD(1)
25	32	680.0	10 x 30	14	1,400	0.090	0.090	217.6	ESX687M025AH6(1)
25	32	820.0	12 x 25	14	1,450	0.085	0.085	262.4	ESX827M025AJK(1)
25	32	1,000.0	12 x 20	14	1,420	0.091	0.091	320.0	ESX108M025AJH(1)
25	32	1,000.0	12 x 25	14	1,650	0.078	0.078	320.0	ESX108M025AJK(1)
25	32	1,200.0	12 x 30	14	1,700	0.070	0.070	384.0	ESX128M025AJM(1)
25	32	1,500.0	12 x 30	14	1,950	0.062	0.062	480.0	ESX158M025AJM(1)
25	32	2,200.0	12 x 40	14	2,240	0.054	0.054	704.0	ESX228M025AJS(1)
25	32	3,300.0	16 x 36	14	2,700	0.045	0.045	1056.0	ESX338M025AM3(1)
25	32	3,900.0	18 x 36	14	2,820	0.042	0.042	1248.0	ESX398M025AN2(1)
25	32	4,700.0	18 x 40	14	3,000	0.036	0.036	1504.0	ESX478M025AN3(1)
35	44	6.8	4 x 7	12	20	7.700	7.700	3.0	ESX685M035AB2(1)
35	44	6.8	5 x 11	12	31	5.200	5.200	3.0	ESX685M035AC3(1)
35	44	10.0	5 x 11	12	42	3.100	3.100	4.4	ESX106M035AC3(1)
35	44	22.0	5 x 11	12	101	1.300	1.300	9.7	ESX226M035AC3(1)
35	44	33.0	6.3 x 11	12	151	0.870	0.870	14.5	ESX336M035AE3(1)
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number

(1) Insert packaging code. See Ordering Options Table for available options.

* When capacitance exceeds 1,000 µF, the DF value (%) is increased by 2% for every additional 1,000 µF.

Table 1 – Ratings & Part Number Reference cont.

Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
35	44	47.0	5 x 11	12	216	0.870	0.870	20.7	ESX476M035AC3(1)
35	44	68.0	8 x 11	12	312	0.370	0.370	29.9	ESX686M035AG3(1)
35	44	100.0	10 x 12	12	460	0.320	0.320	44.0	ESX107M035AH1(1)
35	44	100.0	8 x 11	12	370	0.390	0.390	44.0	ESX107M035AG3(1)
35	44	120.0	10 x 12	12	550	0.260	0.260	52.8	ESX127M035AH1(1)
35	44	150.0	10 x 12	12	600	0.230	0.230	66.0	ESX157M035AH1(1)
35	44	220.0	10 x 12	12	690	0.210	0.210	96.8	ESX227M035AH1(1)
35	44	220.0	10 x 15	12	800	0.180	0.180	96.8	ESX227M035AH2(1)
35	44	330.0	10 x 20	12	1,060	0.130	0.130	145.2	ESX337M035AH4(1)
35	44	470.0	10 x 30	12	990	0.089	0.089	206.8	ESX477M035AH1(1)
35	44	470.0	13 x 25	12	1,060	0.086	0.086	206.8	ESX477M035AL4(1)
35	44	560.0	12.5 x 20	12	1500	0.081	0.081	246.4	ESX567M035AK5(1)
35	44	680.0	12 x 25	12	1,650	0.070	0.070	299.2	ESX687M035AJK(1)
35	44	820.0	12 x 30	12	1,750	0.066	0.066	360.8	ESX827M035AJM(1)
35	44	1,000.0	12 x 25	12	2,000	0.061	0.061	440.0	ESX108M035AJK(1)
35	44	1,200.0	12 x 35	12	2,200	0.049	0.049	528.0	ESX128M035AJP(1)
35	44	1,500.0	12 x 40	12	2,350	0.046	0.046	660.0	ESX158M035AJS(1)
35	44	2,200.0	16 x 36	12	2,700	0.044	0.044	968.0	ESX228M035AM3(1)
35	44	3,300.0	18 x 40	12	3,050	0.035	0.035	1452.0	ESX338M035AN3(1)
50	63	6.8	5 x 11	10	39	3.100	3.100	4.3	ESX685M050AC3(1)
50	63	10.0	5 x 11	10	58	2.000	2.000	6.3	ESX106M050AC3(1)
50	63	22.0	6.3 x 11	10	129	0.900	0.900	13.9	ESX226M050AE3(1)
50	63	33.0	8 x 11	10	194	0.720	0.720	20.8	ESX336M050AG3(1)
50	63	47.0	8 x 11	10	276	0.660	0.660	29.6	ESX476M050AG3(1)
50	63	68.0	10 x 12	10	400	0.310	0.310	42.8	ESX686M050AH1(1)
50	63	100.0	10 x 15	10	635	0.200	0.200	63.0	ESX107M050AH2(1)
50	63	100.0	8 x 15	10	230	0.240	0.240	63.0	ESX107M050AG4(1)
50	63	120.0	10 x 15	10	670	0.170	0.170	75.6	ESX127M050AH2(1)
50	63	150.0	10 x 20	10	860	0.150	0.150	94.5	ESX157M050AH4(1)
50	63	220.0	10 x 15	10	780	0.150	0.150	138.6	ESX227M050AH2(1)
50	63	220.0	10 x 25	10	1030	0.110	0.110	138.6	ESX227M050AH5(1)
50	63	330.0	10 x 30	10	1,070	0.110	0.110	207.9	ESX337M050AH6(1)
50	63	330.0	12 x 20	10	1,220	0.092	0.092	207.9	ESX337M050AJH(1)
50	63	330.0	13 x 25	10	1300	0.086	0.086	207.9	ESX337M050AL4(1)
50	63	470.0	12 x 25	10	1,500	0.068	0.068	296.1	ESX477M050AJK(1)
50	63	680.0	12 x 35	10	1,850	0.058	0.058	428.4	ESX687M050AJP(1)
50	63	820.0	12 x 40	10	2,020	0.052	0.052	516.6	ESX827M050AJS(1)
50	63	1,000.0	16 x 25	10	1,800	0.060	0.060	630.0	ESX108M050AM7(1)
50	63	1,000.0	16 x 32	10	2120	0.050	0.050	630.0	ESX108M050AM2(1)
50	63	1,200.0	16 x 36	10	2,260	0.043	0.043	756.0	ESX128M050AM3(1)
50	63	1,500.0	16 x 40	10	2,420	0.035	0.035	945.0	ESX158M050AM4(1)
63	79	4.7	5 x 11	9	36	4.600	4.600	3.7	ESX475M063AC3(1)
63	79	6.8	5 x 11	9	52	4.300	4.300	5.4	ESX685M063AC3(1)
63	79	10.0	5 x 11	9	77	2.000	2.000	7.9	ESX106M063AC3(1)
63	79	15.0	6.3 x 11	9	116	1.400	1.400	11.9	ESX156M063AE3(1)
63	79	22.0	8 x 11	9	170	1.200	1.200	17.4	ESX226M063AG3(1)
63	79	33.0	8 x 11	9	256	0.660	0.660	26.1	ESX336M063AG3(1)
63	79	47.0	10 x 12	9	365	0.560	0.560	37.1	ESX476M063AH1(1)
63	79	68.0	10 x 15	9	500	0.360	0.360	53.7	ESX686M063AH2(1)
63	79	100.0	10 x 15	9	750	0.310	0.310	79.0	ESX107M063AH2(1)
63	79	120.0	10 x 20	9	820	0.270	0.270	94.8	ESX127M063AH4(1)
63	79	150.0	10 x 25	9	950	0.200	0.200	118.5	ESX157M063AH5(1)
63	79	220.0	12 x 25	9	1,150	0.160	0.160	173.8	ESX227M063AJK(1)
63	79	330.0	12 x 30	9	1,360	0.140	0.140	260.7	ESX337M063AJM(1)
63	79	330.0	13 x 25	9	1,420	0.130	0.130	260.7	ESX337M063AL4(1)
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number

(1) Insert packaging code. See Ordering Options Table for available options.

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Table 1 – Ratings & Part Number Reference cont.

Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
63	79	470.0	12 x 35	9	1,780	0.091	0.091	371.3	ESX477M063AJP(1)
63	79	680.0	16 x 32	9	2,050	0.065	0.065	537.2	ESX687M063AM2(1)
63	79	820.0	16 x 36	9	2,200	0.056	0.056	647.8	ESX827M063AM3(1)
63	79	1,000.0	18 x 36	9	2,330	0.049	0.049	790.0	ESX108M063AN2(1)
63	79	1,200.0	18 x 40	9	2,520	0.046	0.046	948.0	ESX128M063AN3(1)
80	100	4.7	5 x 11	8	43	4.200	4.200	4.7	ESX475M080AC3(1)
80	100	6.8	5 x 11	8	62	1.900	1.900	6.8	ESX685M080AC3(1)
80	100	10.0	6.3 x 11	8	92	1.400	1.400	10.0	ESX106M080AE3(1)
80	100	15.0	8 x 11	8	138	1.100	1.100	15.0	ESX156M080AG3(1)
80	100	22.0	8 x 11	8	203	0.640	0.640	22.0	ESX226M080AG3(1)
80	100	33.0	10 x 12	8	305	0.540	0.540	33.0	ESX336M080AH1(1)
80	100	47.0	10 x 15	8	410	0.360	0.360	47.0	ESX476M080AH2(1)
80	100	68.0	10 x 20	8	600	0.260	0.260	68.0	ESX686M080AH4(1)
80	100	100.0	10 x 25	8	795	0.190	0.190	100.0	ESX107M080AH5(1)
80	100	120.0	10 x 30	8	900	0.170	0.170	120.0	ESX127M080AH6(1)
80	100	150.0	10 x 30	8	955	0.150	0.150	150.0	ESX157M080AH6(1)
80	100	220.0	12 x 30	8	1,200	0.130	0.130	220.0	ESX227M080AJM(1)
80	100	330.0	12 x 35	8	1,450	0.088	0.088	330.0	ESX337M080AJP(1)
80	100	470.0	16 x 32	8	1,790	0.063	0.063	470.0	ESX477M080AM2(1)
80	100	680.0	16 x 40	8	1,990	0.058	0.058	680.0	ESX687M080AM4(1)
80	100	820.0	18 x 36	8	2,200	0.050	0.050	820.0	ESX827M080AN2(1)
80	100	1,000.0	18 x 40	8	2,370	0.044	0.044	1000.0	ESX108M080AN3(1)
100	125	4.7	5 x 11	8	65	4.100	4.100	5.9	ESX475M100AC3(1)
100	125	6.8	8 x 11	8	94	1.300	1.300	8.5	ESX685M100AG3(1)
100	125	10.0	8 x 11	8	138	1.100	1.100	12.5	ESX106M100AG3(1)
100	125	15.0	8 x 11	8	207	0.800	0.800	18.8	ESX156M100AG3(1)
100	125	22.0	10 x 12	8	305	0.530	0.530	27.5	ESX226M100AH1(1)
100	125	33.0	10 x 15	8	500	0.350	0.350	41.3	ESX336M100AH2(1)
100	125	47.0	10 x 20	8	600	0.300	0.300	58.8	ESX476M100AH4(1)
100	125	68.0	10 x 25	8	795	0.190	0.190	85.0	ESX686M100AH5(1)
100	125	100.0	10 x 30	8	870	0.170	0.170	125.0	ESX107M100AH6(1)
100	125	100.0	13 x 20	8	955	0.150	0.150	125.0	ESX107M100AL3(1)
100	125	120.0	12 x 30	8	1,040	0.130	0.130	150.0	ESX127M100AJM(1)
100	125	150.0	12 x 30	8	1,200	0.110	0.110	187.5	ESX157M100AJM(1)
100	125	220.0	16 x 32	8	1,440	0.086	0.086	275.0	ESX227M100AM2(1)
100	125	330.0	16 x 32	8	1,610	0.070	0.070	412.5	ESX337M100AM2(1)
100	125	330.0	16 x 36	8	1,790	0.062	0.062	412.5	ESX337M100AM3(1)
100	125	470.0	16 x 40	8	2,160	0.048	0.048	587.5	ESX477M100AM4(1)
100	125	470.0	18 x 36	8	2,200	0.047	0.047	587.5	ESX477M100AN2(1)
(VDC)	(VDC)	120 Hz 20°C (µF)	D x L (mm)	120 Hz 20°C (tanδ %)*	100 KHz 105°C (mA)	100 kHz 20°C (Ω)	100KHz 25°C (Ω)	20°C 2 minutes (µA)	() Represents Part Number Options
Rated Voltage	Surge Voltage	Rated Capacitance	Case Size	DF	RC	Z	ESR	LC	Part Number

(1) Insert packaging code. See Ordering Options Table for available options.

* When capacitance exceeds 1,000 µF, the DF value (%) is increased by 2% for every additional 1,000 µF.