

KC11 Series RW Snap-in

Features

- Applications: Power supplies, inverters, photovoltaic, home appliances, audio
- Higher working temperature
- Longer life
- Good ripple current rating
- Lifetime: 3000 hours @ 105°C



Specifications

Operating temperature	-40~+105°C		-25~+105°C	
Rated working voltage	16~100V		160~500V	
Nominal Capacitance	39~47000UF			
Leakage current	$I \leq 0.01CV$ or 1.5mA (20°C, 5mins)			
Low temperature characteristics (120Hz)	Rated Voltage	16~100	160~200	250~500
	Z-25°C/Z+20°C	4	4	4
	Z-40°C/Z+20°C	15	-	-

Rated Voltage	16	25	35	50	63~100	160~400	450~500
tanδ (20°C, 120Hz)	0.5	0.4	0.35	0.3	0.2	0.15	0.2

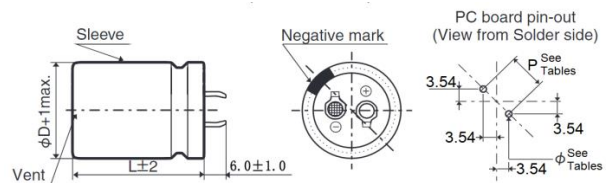
Test Conditions

	Useful life		Load life	Endurance test	Shelf life
Lifetime	4000h	> 180000h	2000h	3000h	1000h
Applied voltage (V)	U_R	U_R	U_R	U_R	$U_R=0$
Applied current	I_R	$1.4 \cdot I_R$	I_R	$I_R=0$	$I_R=0$
Temperature	105°C	40°C	105°C	105°C	105°C
Failure rate	$\leq 1\%$	$\leq 1\%$	Guaranteed		
Capacitance change	< ±30% of Initial value		< ±20% of Initial value	< ±20% of Initial value	< ±20% of Initial value
Leakage current	< The specified value		< The specified value	< The specified value	< The specified value
Dissipation factor tanδ	< ±300% of specified value		< ±200% of specified value	< ±200% of specified value	< ±200% of specified value

Frequency Coefficient

Voltage(V)	50	120	300	1K	10K	≥50K	Hz
10~50V	0.95	1	1.03	1.05	1.08	1.08	
63~160V	0.92	1	1.07	1.13	1.19	1.2	
160~250V	0.8	1	1.16	1.3	1.43	1.48	
350~450V	0.78	1	1.15	1.28	1.41	1.43	

Dimensions (mm)



Temperature Coefficient

Temperature(°C)	+45	+60	+85	+95	+105
	2.1	1.9	1.4	1.25	1

The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced.

KC11 Series

Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (Arms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
16 (20)	6800	98	68	1.60	22*25	10	2	KC11 - 0001 - RW
	10000	66	46	1.99	22*30	10	2	KC11 - 0002 - RW
		66	46	1.99	25*25	10	2	KC11 - 0003 - RW
	12000	55	39	2.28	22*35	10	2	KC11 - 0004 - RW
		55	39	2.30	25*30	10	2	KC11 - 0005 - RW
		55	39	2.38	30*25	10	2	KC11 - 0006 - RW
	1500	44	31	2.64	22*40	10	2	KC11 - 0007 - RW
		44	31	2.68	25*35	10	2	KC11 - 0008 - RW
	18000	37	26	2.98	22*45	10	2	KC11 - 0009 - RW
		37	26	3.04	25*40	10	2	KC11 - 0010 - RW
		37	26	3.00	30*30	10	2	KC11 - 0011 - RW
		37	26	3.10	35*25	10	2	KC11 - 0012 - RW
	22000	30	21	3.40	25*45	10	2	KC11 - 0013 - RW
		30	21	3.39	30*35	10	2	KC11 - 0014 - RW
	27000	25	17	3.81	25*50	10	2	KC11 - 0015 - RW
		25	17	3.83	30*40	10	2	KC11 - 0016 - RW
25		17	3.74	35*30	10	2	KC11 - 0017 - RW	
33000	20	14	4.30	30*45	10	2	KC11 - 0018 - RW	
	20	14	4.24	35*35	10	2	KC11 - 0019 - RW	
39000	17	12	4.74	30*50	10	2	KC11 - 0020 - RW	
	17	12	4.72	35*40	10	2	KC11 - 0021 - RW	
47000	14	10	5.27	35*45	10	2	KC11 - 0022 - RW	
25 (32)	4700	113	79	1.55	22*25	10	2	KC11 - 0023 - RW
	6800	78	55	1.91	22*30	10	2	KC11 - 0024 - RW
		78	55	1.91	25*25	10	2	KC11 - 0025 - RW
	82000	65	45	2.14	22*35	10	2	KC11 - 0026 - RW
		65	45	2.16	25*30	10	2	KC11 - 0027 - RW
		65	45	2.25	30*25	10	2	KC11 - 0028 - RW
	10000	53	37	2.40	22*40	10	2	KC11 - 0029 - RW
		53	37	2.44	25*35	10	2	KC11 - 0030 - RW
	12000	44	31	2.69	22*45	10	2	KC11 - 0031 - RW
		44	31	2.74	25*40	10	2	KC11 - 0032 - RW
		44	31	2.70	30*30	10	2	KC11 - 0033 - RW
		44	31	2.80	35*25	10	2	KC11 - 0034 - RW
	15000	35	25	3.15	25*45	10	2	KC11 - 0035 - RW
		35	25	3.13	30*35	10	2	KC11 - 0036 - RW
		35	25	3.22	35*30	10	2	KC11 - 0037 - RW
	18000	30	21	3.54	25*50	10	2	KC11 - 0038 - RW
30		21	3.54	30*40	10	2	KC11 - 0039 - RW	
22000	24	17	4.24	30*45	10	2	KC11 - 0040 - RW	
	24	17	3.96	35*35	10	2	KC11 - 0041 - RW	
27000	20	14	4.75	35*45	10	2	KC11 - 0042 - RW	
33000	16	11	5.39	35*50	10	2	KC11 - 0043 - RW	
50 (63)	1800	221	155	1.31	22*25	10	2	KC11 - 0044 - RW
	2200	181	127	1.45	22*30	10	2	KC11 - 0045 - RW
	2700	147	103	1.70	22*30	10	2	KC11 - 0046 - RW
		147	103	1.70	25*25	10	2	KC11 - 0047 - RW
	3300	121	84	1.98	22*35	10	2	KC11 - 0048 - RW
		121	84	2.00	25*30	10	2	KC11 - 0049 - RW
	3900	102	72	2.25	22*40	10	2	KC11 - 0050 - RW
		102	72	2.28	25*35	10	2	KC11 - 0051 - RW
		102	72	2.22	30*25	10	2	KC11 - 0052 - RW
	4700	85	59	2.56	22*45	10	2	KC11 - 0053 - RW
		85	59	2.58	30*30	10	2	KC11 - 0054 - RW
		85	59	2.67	35*25	10	2	KC11 - 0055 - RW
	5600	71	50	2.89	22*50	10	2	KC11 - 0056 - RW
		71	50	2.81	25*40	10	2	KC11 - 0057 - RW
		71	50	2.95	30*35	10	2	KC11 - 0058 - RW

Maximum allowable ripple current(A rms) @ 105°C, 120Hz
Voltage DC () = Surge voltage

KC11 Series

Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (Arms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
50 (63)	6800	59	41	3.37	25*50	10	2	KC11 - 0059 - RW
		59	41	3.39	30*40	10	2	KC11 - 0060 - RW
		59	41	3.31	35*30	10	2	KC11 - 0061 - RW
	8200	49	34	3.71	30*45	10	2	KC11 - 0062 - RW
		49	34	3.66	35*35	10	2	KC11 - 0063 - RW
	10000	40	28	4.09	30*50	10	2	KC11 - 0064 - RW
		40	28	4.07	35*40	10	2	KC11 - 0065 - RW
	12000	33	23	4.50	35*45	10	2	KC11 - 0066 - RW
63 (79)	1200	221	155	1.25	22*25	10	2	KC11 - 0067 - RW
	1800	147	103	1.52	22*30	10	2	KC11 - 0068 - RW
		147	103	1.52	25*25	10	2	KC11 - 0069 - RW
	2200	121	84	1.73	22*35	10	2	KC11 - 0070 - RW
		121	84	1.75	25*30	10	2	KC11 - 0071 - RW
	2700	98	69	1.97	22*40	10	2	KC11 - 0072 - RW
		98	69	1.99	25*35	10	2	KC11 - 0073 - RW
		98	69	1.93	30*25	10	2	KC11 - 0074 - RW
	3300	80	56	2.32	22*50	10	2	KC11 - 0075 - RW
		80	56	2.27	25*40	10	2	KC11 - 0076 - RW
		80	56	2.24	30*30	10	2	KC11 - 0077 - RW
		80	56	2.41	35*25	10	2	KC11 - 0078 - RW
	3900	68	48	2.54	25*45	10	2	KC11 - 0079 - RW
		68	48	2.55	30*35	10	2	KC11 - 0080 - RW
	4700	57	40	2.88	25*50	10	2	KC11 - 0081 - RW
		57	40	2.90	30*40	10	2	KC11 - 0082 - RW
		57	40	2.83	35*30	10	2	KC11 - 0083 - RW
	5600	47	33	3.28	30*45	10	2	KC11 - 0084 - RW
		47	33	3.24	35*35	10	2	KC11 - 0085 - RW
	6800	39	27	3.73	30*50	10	2	KC11 - 0086 - RW
		39	27	3.71	35*40	10	2	KC11 - 0087 - RW
	8200	32	23	4.16	35*45	10	2	KC11 - 0088 - RW
	10000	27	19	4.69	35*50	10	2	KC11 - 0089 - RW
	80 (100)	820	324	227	1.11	22*25	10	2
1000		266	186	1.25	22*25	10	2	KC11 - 0091 - RW
1200		221	155	1.39	22*30	10	2	KC11 - 0092 - RW
		221	155	1.39	25*25	10	2	KC11 - 0093 - RW
1500		177	124	1.61	22*35	10	2	KC11 - 0094 - RW
		177	124	1.62	25*30	10	2	KC11 - 0095 - RW
1800		147	103	1.83	22*40	10	2	KC11 - 0096 - RW
		147	103	1.81	30*25	10	2	KC11 - 0097 - RW
2200		121	103	2.09	22*45	10	2	KC11 - 0098 - RW
		121	84	2.01	25*35	10	2	KC11 - 0099 - RW
		121	84	2.10	30*30	10	2	KC11 - 0100 - RW
		121	84	2.17	35*25	10	2	KC11 - 0101 - RW
2700		98	69	2.43	25*45	10	2	KC11 - 0102 - RW
		98	69	2.43	30*35	10	2	KC11 - 0103 - RW
		80	56	2.76	25*50	10	2	KC11 - 0104 - RW
3300		80	56	2.78	30*40	10	2	KC11 - 0105 - RW
		80	56	2.71	35*30	10	2	KC11 - 0106 - RW
		68	48	3.12	30*45	10	2	KC11 - 0107 - RW
3900		68	48	3.07	35*35	10	2	KC11 - 0108 - RW
		57	40	3.56	30*50	10	2	KC11 - 0109 - RW
4700		57	40	3.50	35*40	10	2	KC11 - 0110 - RW
		5600	47	33	3.87	35*45	10	2
6800		39	27	4.19	35*50	10	2	KC11 - 0112 - RW
100 (125)		560	474	332	1.07	22*25	10	2
	820	324	227	1.35	22*30	10	2	KC11 - 0114 - RW
		324	227	1.35	25*25	10	2	KC11 - 0115 - RW
	1000	265	186	1.54	22*35	10	2	KC11 - 0116 - RW
265		186	1.56	25*30	10	2	KC11 - 0117 - RW	

Maximum allowable ripple current(A rms) @ 105°C, 120Hz
Voltage DC () = Surge voltage

KC11 Series

Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (Arms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
100 (125)	1200	221	155	1.74	22*40	10	2	KC11 - 0118 - RW
		221	155	1.76	25*35	10	2	KC11 - 0119 - RW
		221	155	1.71	30*25	10	2	KC11 - 0120 - RW
	1500	177	124	1.99	22*45	10	2	KC11 - 0121 - RW
		177	124	2.03	25*40	10	2	KC11 - 0122 - RW
		177	124	2.00	30*30	10	2	KC11 - 0123 - RW
	1800	147	103	2.28	35*25	10	2	KC11 - 0124 - RW
		147	103	2.27	25*45	10	2	KC11 - 0125 - RW
	2200	121	84	2.57	30*35	10	2	KC11 - 0126 - RW
		121	84	2.59	25*50	10	2	KC11 - 0127 - RW
		121	84	2.52	30*40	10	2	KC11 - 0128 - RW
	2700	98	69	2.94	35*30	10	2	KC11 - 0129 - RW
		98	69	2.90	30*45	10	2	KC11 - 0130 - RW
	3300	80	56	3.32	35*35	10	2	KC11 - 0131 - RW
		80	56	3.31	30*50	10	2	KC11 - 0132 - RW
3900	68	48	3.69	35*40	10	2	KC11 - 0133 - RW	
4700	57	40	4.14	35*45	10	2	KC11 - 0134 - RW	
160 (200)	330	603	422	1.16	35*50	10	2	KC11 - 0135 - RW
	390	510	357	1.43	22*25	10	2	KC11 - 0136 - RW
	470	424	296	1.52	22*30	10	2	KC11 - 0137 - RW
		424	296	1.55	22*35	10	2	KC11 - 0138 - RW
	560	355	249	1.62	25*25	10	2	KC11 - 0139 - RW
		355	249	1.73	22*40	10	2	KC11 - 0140 - RW
	680	293	205	1.70	25*30	10	2	KC11 - 0141 - RW
		293	205	1.81	22*45	10	2	KC11 - 0142 - RW
		293	205	1.82	25*35	10	2	KC11 - 0143 - RW
	820	243	170	1.81	30*25	10	2	KC11 - 0144 - RW
		243	170	1.98	22*50	10	2	KC11 - 0145 - RW
		243	170	1.98	25*40	10	2	KC11 - 0146 - RW
		243	170	1.93	30*30	10	2	KC11 - 0147 - RW
	1000	199	139	2.04	35*25	10	2	KC11 - 0148 - RW
		199	139	2.14	25*45	10	2	KC11 - 0149 - RW
1200	166	116	2.12	30*35	10	2	KC11 - 0150 - RW	
	166	116	2.22	25*50	10	2	KC11 - 0151 - RW	
	166	116	2.40	30*40	10	2	KC11 - 0152 - RW	
1500	133	93	2.46	35*30	10	2	KC11 - 0153 - RW	
	133	93	2.53	30*45	10	2	KC11 - 0154 - RW	
1800	111	77	2.98	35*35	10	2	KC11 - 0155 - RW	
2200	91	63	3.10	35*45	10	2	KC11 - 0156 - RW	
180 (225)	270	737	516	1.08	35*50	10	2	KC11 - 0157 - RW
	330	603	422	1.30	22*25	10	2	KC11 - 0158 - RW
	390	510	357	1.35	22*30	10	2	KC11 - 0159 - RW
	470	424	296	1.50	25*25	10	2	KC11 - 0160 - RW
		424	296	1.62	22*35	10	2	KC11 - 0161 - RW
	560	355	249	1.62	25*30	10	2	KC11 - 0162 - RW
		355	249	1.69	22*40	10	2	KC11 - 0163 - RW
		355	249	1.67	25*35	10	2	KC11 - 0164 - RW
	680	293	205	1.76	30*25	10	2	KC11 - 0165 - RW
		293	205	1.72	22*50	10	2	KC11 - 0166 - RW
		293	205	1.74	25*40	10	2	KC11 - 0167 - RW
		293	205	1.92	30*30	10	2	KC11 - 0168 - RW
	820	243	170	1.78	35*25	10	2	KC11 - 0169 - RW
		243	170	1.85	25*45	10	2	KC11 - 0170 - RW
	1000	199	139	1.91	30*35	10	2	KC11 - 0171 - RW
199		139	2.01	25*50	10	2	KC11 - 0172 - RW	
199		139	2.16	30*40	10	2	KC11 - 0173 - RW	
1200	166	116	2.19	35*30	10	2	KC11 - 0174 - RW	
	166	116	2.34	30*45	10	2	KC11 - 0175 - RW	
							2	KC11 - 0176 - RW

Maximum allowable ripple current(A rms) @ 105°C, 120Hz
Voltage DC () = Surge voltage

KC11 Series

Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (Arms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
200 (250)	1500	133	93	2.36	30*50	10	2	KC11 - 0177 - RW
		133	93	2.56	35*40	10	2	KC11 - 0178 - RW
	1800	111	77	2.67	35*45	10	2	KC11 - 0179 - RW
		220	905	633	1.08	22*25	10	2
	270	737	516	1.20	22*30	10	2	KC11 - 0181 - RW
		330	603	422	1.30	22*30	10	2
	390		603	422	1.35	25*25	10	2
		470	510	357	1.41	22*35	10	2
	560		424	296	1.50	22*40	10	2
		680	424	296	1.47	25*30	10	2
	820		424	296	1.56	30*25	10	2
		1000	355	249	1.58	22*45	10	2
	1200		355	249	1.65	25*35	10	2
		1500	293	205	1.68	22*50	10	2
	1800		293	205	1.80	25*40	10	2
		220	293	205	1.82	30*30	10	2
	270		293	205	1.96	35*25	10	2
		330	243	170	1.87	25*50	10	2
	390		243	170	1.99	30*35	10	2
		470	243	170	2.07	35*30	10	2
560	199		139	2.17	30*45	10	2	KC11 - 0197 - RW
	680	199	139	2.22	35*35	10	2	KC11 - 0198 - RW
820		166	116	2.22	30*50	10	2	KC11 - 0199 - RW
	1000	166	116	2.42	35*40	10	2	KC11 - 0200 - RW
1200		133	93	2.59	35*45	10	2	KC11 - 0201 - RW
	1500	111	77	2.70	35*50	10	2	KC11 - 0202 - RW
250 (300)		180	1106	774	0.94	22*25	10	2
	220		905	633	1.10	22*30	10	2
	270	905	633	1.15	25*25	10	2	KC11 - 0205 - RW
		330	737	516	1.13	22*35	10	2
	390		603	422	1.20	22*40	10	2
		470	603	422	1.30	25*30	10	2
	560		603	422	1.30	30*25	10	2
		680	510	357	1.26	22*45	10	2
	820		510	357	1.41	25*35	10	2
		1000	424	296	1.37	22*50	10	2
	1200		424	296	1.52	25*40	10	2
		1500	424	296	1.36	30*30	10	2
	1800		424	296	1.40	35*25	10	2
		220	355	249	1.59	25*45	10	2
	270		355	249	1.57	30*35	10	2
		330	355	249	1.56	35*30	10	2
	390		293	205	1.66	25*50	10	2
		470	293	205	1.76	30*40	10	2
	560		243	170	1.83	30*45	10	2
		680	243	170	1.82	35*35	10	2
820	199		139	1.87	30*50	10	2	KC11 - 0223 - RW
	1000	199	139	1.99	35*40	10	2	KC11 - 0224 - RW
1200		166	116	2.10	35*45	10	2	KC11 - 0225 - RW
	1500	68	2927	1610	0.56	22*25	10	2
1800		100	1990	1095	0.70	22*30	10	2
	1990		1095	0.70	25*25	10	2	KC11 - 0228 - RW
220	120	1659	912	0.73	22*35	10	2	KC11 - 0229 - RW
		1327	730	0.79	22*40	10	2	KC11 - 0230 - RW
270	150	1327	730	0.82	25*30	10	2	KC11 - 0231 - RW
		1327	730	0.82	30*25	10	2	KC11 - 0232 - RW
330	180	1106	774	0.81	22*45	10	2	KC11 - 0233 - RW
		1106	774	0.89	25*35	10	2	KC11 - 0234 - RW
390	220	1106	774	0.90	30*30	10	2	KC11 - 0235 - RW

Maximum allowable ripple current(A rms) @ 105°C, 120Hz
Voltage DC () = Surge voltage

KC11 Series

Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (Arms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number	
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)		
350 (400)	220	905	633	0.93	22*50	10	2	KC11 - 0236 - RW	
		905	633	0.97	25*40	10	2	KC11 - 0237 - RW	
		905	633	0.98	35*25	10	2	KC11 - 0238 - RW	
	270	737	516	1.01	25*50	10	2	KC11 - 0239 - RW	
		737	516	1.05	30*35	10	2	KC11 - 0240 - RW	
		737	516	1.01	35*30	10	2	KC11 - 0241 - RW	
	330	603	422	1.16	30*45	10	2	KC11 - 0242 - RW	
		603	422	1.16	35*35	10	2	KC11 - 0243 - RW	
	390	510	357	1.26	30*50	10	2	KC11 - 0244 - RW	
		510	357	1.26	35*40	10	2	KC11 - 0245 - RW	
	470	424	296	1.35	35*45	10	2	KC11 - 0246 - RW	
	560	355	249	1.51	35*50	10	2	KC11 - 0247 - RW	
	400 (450)	68	2927	1522	0.47	22*25	10	2	KC11 - 0248 - RW
		82	2427	1262	0.56	22*30	10	2	KC11 - 0249 - RW
2427			1262	0.65	25*25	10	2	KC11 - 0250 - RW	
100		1990	1035	0.60	22*30	10	2	KC11 - 0251 - RW	
120		1659	863	0.64	22*35	10	2	KC11 - 0252 - RW	
		1659	863	0.70	25*30	10	2	KC11 - 0253 - RW	
		1659	863	0.78	30*25	10	2	KC11 - 0254 - RW	
150		1327	690	0.70	22*40	10	2	KC11 - 0255 - RW	
		1327	690	0.73	25*35	10	2	KC11 - 0256 - RW	
180		1106	575	0.78	22*50	10	2	KC11 - 0257 - RW	
		1106	575	0.82	25*40	10	2	KC11 - 0258 - RW	
		1106	575	0.83	30*30	10	2	KC11 - 0259 - RW	
		1106	575	0.86	35*25	10	2	KC11 - 0260 - RW	
220		905	471	0.87	25*45	10	2	KC11 - 0261 - RW	
		905	471	0.96	30*35	10	2	KC11 - 0262 - RW	
270		737	383	0.94	25*50	10	2	KC11 - 0263 - RW	
		737	383	0.95	30*40	10	2	KC11 - 0264 - RW	
		737	383	0.91	35*30	10	2	KC11 - 0265 - RW	
330		603	314	1.11	30*45	10	2	KC11 - 0266 - RW	
		603	314	1.13	35*35	10	2	KC11 - 0267 - RW	
390		510	265	1.15	30*50	10	2	KC11 - 0268 - RW	
		510	265	1.26	35*40	10	2	KC11 - 0269 - RW	
470		424	220	1.31	35*45	10	2	KC11 - 0270 - RW	
560		355	185	1.50	35*50	10	2	KC11 - 0271 - RW	
450 (500)	56	4739	2370	0.47	22*25	10	2	KC11 - 0272 - RW	
	68	3903	1951	0.56	22*30	10	2	KC11 - 0273 - RW	
		3903	1951	0.65	25*25	10	2	KC11 - 0274 - RW	
	82	3237	1618	0.64	22*35	10	2	KC11 - 0275 - RW	
	100	2654	1327	0.70	22*40	10	2	KC11 - 0276 - RW	
		2654	1327	0.70	25*30	10	2	KC11 - 0277 - RW	
		2654	1327	0.78	30*25	10	2	KC11 - 0278 - RW	
	120	2212	1106	0.73	22*45	10	2	KC11 - 0279 - RW	
		2212	1106	0.73	25*35	10	2	KC11 - 0280 - RW	
	150	1769	885	0.78	22*50	10	2	KC11 - 0281 - RW	
		1769	885	0.82	25*40	10	2	KC11 - 0282 - RW	
		1769	885	0.83	30*30	10	2	KC11 - 0283 - RW	
		1769	885	0.86	35*25	10	2	KC11 - 0284 - RW	
	180	1474	737	0.87	25*45	10	2	KC11 - 0285 - RW	
		1474	737	0.86	30*35	10	2	KC11 - 0286 - RW	
	220	1206	603	0.94	25*50	10	2	KC11 - 0287 - RW	
		1206	603	0.95	30*40	10	2	KC11 - 0288 - RW	
		1206	603	0.91	35*30	10	2	KC11 - 0289 - RW	
	270	983	492	1.11	30*45	10	2	KC11 - 0290 - RW	
		983	492	1.13	35*35	10	2	KC11 - 0291 - RW	
	330	804	402	1.15	30*50	10	2	KC11 - 0292 - RW	
		804	402	1.26	35*40	10	2	KC11 - 0293 - RW	
	390	681	340	1.31	35*45	10	2	KC11 - 0294 - RW	
	470	565	282	1.50	35*50	10	2	KC11 - 0295 - RW	

Maximum allowable ripple current(A rms) @ 105°C, 120Hz
Voltage DC () = Surge voltage

KC11 Series

Standard rating

Voltage DC	Capacitance (μF)	ESR @ 120Hz, 20°C		Ripple Current (Arms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
500 (550)	39	6805	3403	0.35	22*30	10	2	KC11 - 0296 - RW
	47	5647	2823	0.41	22*35	10	2	KC11 - 0297 - RW
	56	4739	2370	0.47	22*40	10	2	KC11 - 0298 - RW
	68	3903	1951	0.54	22*45	10	2	KC11 - 0299 - RW
	82	3237	1618	0.62	25*40	10	2	KC11 - 0300 - RW
	100	2654	1327	0.67	25*45	10	2	KC11 - 0301 - RW
	120	2212	1106	0.77	25*50	10	2	KC11 - 0302 - RW
			1106	0.72	35*30	10	2	KC11 - 0303 - RW
	150	1769	885	0.85	30*40	10	2	KC11 - 0304 - RW
	180	1474	737	1.01	30*50	10	2	KC11 - 0305 - RW
	220	1206	603	1.12	35*45	10	2	KC11 - 0306 - RW
270	983	492	1.29	35*50	10	2	KC11 - 0307 - RW	

Maximum allowable ripple current(A rms) @ 105°C, 120Hz

Voltage DC () = Surge voltage