

# KC11 Series LW Snap-in

## Features

- Applications: Power supplies, inverters, photovoltaic, home appliances, audio
- Extra long life
- Higher working temperature
- Good ripple current rating
- Lifetime: 5000~6000 hours @ 105°C



## Specifications

Operating temperature	-40~+105°C		-25~+105°C	
Rated working voltage	10~100V		160~450V	
Nominal Capacitance	68~56000UF			
Leakage current	$I \leq 0.01CV$ or 1.5mA (20°C, 5mins)			
Low temperature characteristics (120Hz)	Rated Voltage	10~100	160~250	350~450
	Z-25°C/Z+20°C	4	3	8
	Z-40°C/Z+20°C	15	-	-

Rated Voltage	10	16	25	35	50	63	80	100	160~250	315~400	450
tanδ (20°C, 120Hz)	0.55	0.5	0.45	0.4	0.35	0.3	0.25	0.2	0.15	0.2	0.25

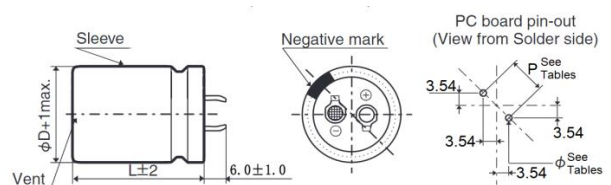
## Test Conditions

	Useful life		Load life	Endurance test	Shelf life
Lifetime	7000h	> 200000h	5000h	5000h	1000h
Applied voltage	$U_R$	$U_R$	$U_R$	$U_R$	$U_R=0$
Applied current	$I_R$	$1.6 \cdot I_R$	$I_R$	$I_R=0$	$I_R=0$
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	
10~160V	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	70	85
	1.55	1.3	1.2	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 (A rms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
10 (13)	8200	89	62	1.36	22*25	10	2	KC11 - 0001 - LW
	10000	73	51	1.65	22*30	10	2	KC11 - 0002 - LW
	12000	61	43	1.85	22*35	10	2	KC11 - 0003 - LW
		61	43	1.82	25*25	10	2	KC11 - 0004 - LW
	15000	49	34	2.12	22*40	10	2	KC11 - 0005 - LW
		49	34	2.11	25*30	10	2	KC11 - 0006 - LW
		49	34	2.14	30*25	10	2	KC11 - 0007 - LW
	18000	41	28	2.40	22*45	10	2	KC11 - 0008 - LW
		41	28	2.32	25*35	10	2	KC11 - 0009 - LW
	22000	33	23	2.59	25*40	10	2	KC11 - 0010 - LW
		33	23	2.73	30*30	10	2	KC11 - 0011 - LW
	27000	27	19	3.01	25*45	10	2	KC11 - 0012 - LW
		27	19	3.13	30*35	10	2	KC11 - 0013 - LW
		27	19	3.05	35*30	10	2	KC11 - 0014 - LW
	33000	22	16	3.43	25*50	10	2	KC11 - 0015 - LW
		22	16	3.53	30*40	10	2	KC11 - 0016 - LW
		22	16	3.49	35*35	10	2	KC11 - 0017 - LW
	39000	19	13	3.78	30*45	10	2	KC11 - 0018 - LW
		19	13	3.96	35*40	10	2	KC11 - 0019 - LW
	47000	16	11	4.58	30*50	10	2	KC11 - 0020 - LW
		16	11	4.60	35*45	10	2	KC11 - 0021 - LW
	56000	13	9	5.06	35*50	10	2	KC11 - 0022 - LW
16 (20)	5600	119	83	1.44	22*25	10	2	KC11 - 0023 - LW
	6800	98	68	1.66	22*30	10	2	KC11 - 0024 - LW
	8200	81	57	1.67	25*25	10	2	KC11 - 0025 - LW
	10000	66	46	2.08	22*35	10	2	KC11 - 0026 - LW
		66	46	2.07	25*30	10	2	KC11 - 0027 - LW
	12000	55	39	2.36	22*40	10	2	KC11 - 0028 - LW
		55	39	2.37	25*35	10	2	KC11 - 0029 - LW
		55	39	2.33	30*25	10	2	KC11 - 0030 - LW
	15000	44	31	2.69	22*45	10	2	KC11 - 0031 - LW
		44	31	2.72	25*40	10	2	KC11 - 0032 - LW
		44	31	2.54	30*30	10	2	KC11 - 0033 - LW
	18000	37	26	3.06	25*45	10	2	KC11 - 0034 - LW
		37	26	3.02	30*35	10	2	KC11 - 0035 - LW
		37	26	3.09	35*30	10	2	KC11 - 0036 - LW
	22000	30	21	3.39	25*50	10	2	KC11 - 0037 - LW
		30	21	3.46	30*40	10	2	KC11 - 0038 - LW
	27000	25	17	3.88	30*45	10	2	KC11 - 0039 - LW
		25	17	3.85	35*35	10	2	KC11 - 0040 - LW
	33000	20	14	4.33	30*50	10	2	KC11 - 0041 - LW
		20	14	4.33	35*40	10	2	KC11 - 0042 - LW
	39000	17	12	4.96	35*45	10	2	KC11 - 0043 - LW
	47000	14	10	5.49	35*50	10	2	KC11 - 0044 - LW
25 (32)	3900	153	107	1.31	22*25	10	2	KC11 - 0045 - LW
	4700	127	89	1.55	22*30	10	2	KC11 - 0046 - LW
	5600	107	75	1.77	22*35	10	2	KC11 - 0047 - LW
		107	75	1.76	25*25	10	2	KC11 - 0048 - LW
	6800	88	62	2.02	22*40	10	2	KC11 - 0049 - LW
		88	62	1.88	25*30	10	2	KC11 - 0050 - LW
	8200	73	51	2.27	22*45	10	2	KC11 - 0051 - LW
		73	51	2.18	25*35	10	2	KC11 - 0052 - LW
		73	51	2.19	30*25	10	2	KC11 - 0053 - LW
	10000	60	42	2.56	22*50	10	2	KC11 - 0054 - LW
		60	42	2.53	25*40	10	2	KC11 - 0055 - LW
		60	42	2.38	30*30	10	2	KC11 - 0056 - LW
	12000	50	35	2.79	25*45	10	2	KC11 - 0057 - LW
		50	35	2.70	30*35	10	2	KC11 - 0058 - LW
		50	35	2.76	35*30	10	2	KC11 - 0059 - LW

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

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## Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (A rms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
25 (32)	15000	40	28	3.13	30*40	10	2	KC11 - 0060 - LW
	18000	33	23	3.52	30*45	10	2	KC11 - 0061 - LW
		33	23	3.50	35*35	10	2	KC11 - 0062 - LW
	22000	27	19	3.92	30*50	10	2	KC11 - 0063 - LW
		27	19	3.95	35*40	10	2	KC11 - 0064 - LW
27000	22	16	4.72	35*50	10	2	KC11 - 0065 - LW	
35 (44)	2700	197	138	1.29	22*25	10	2	KC11 - 0066 - LW
	3300	161	113	1.54	22*30	10	2	KC11 - 0067 - LW
		136	95	1.77	22*35	10	2	KC11 - 0068 - LW
	3900	136	95	1.75	25*25	10	2	KC11 - 0069 - LW
		113	79	2.01	22*40	10	2	KC11 - 0070 - LW
	4700	113	79	1.97	25*30	10	2	KC11 - 0071 - LW
		95	66	2.25	22*45	10	2	KC11 - 0072 - LW
	5600	95	66	2.18	25*35	10	2	KC11 - 0073 - LW
		95	66	2.08	30*25	10	2	KC11 - 0074 - LW
		78	55	2.49	22*50	10	2	KC11 - 0075 - LW
	6800	78	55	2.45	25*40	10	2	KC11 - 0076 - LW
		78	55	2.28	30*30	10	2	KC11 - 0077 - LW
		65	45	2.80	25*45	10	2	KC11 - 0078 - LW
	8200	65	45	2.69	30*35	10	2	KC11 - 0079 - LW
		53	37	3.04	30*40	10	2	KC11 - 0080 - LW
	10000	53	37	2.78	35*30	10	2	KC11 - 0081 - LW
44		31	3.38	30*45	10	2	KC11 - 0082 - LW	
12000	44	31	3.30	35*35	10	2	KC11 - 0083 - LW	
	35	25	3.38	35*40	10	2	KC11 - 0084 - LW	
18000	30	21	4.40	35*45	10	2	KC11 - 0085 - LW	
50 (63)	1500	310	217	1.21	22*25	10	2	KC11 - 0086 - LW
	2200	211	148	1.52	22*30	10	2	KC11 - 0087 - LW
		211	148	1.46	25*25	10	2	KC11 - 0088 - LW
	2700	172	120	1.77	22*35	10	2	KC11 - 0089 - LW
		172	120	1.76	25*30	10	2	KC11 - 0090 - LW
	3300	141	99	1.92	22*40	10	2	KC11 - 0091 - LW
		141	99	1.92	30*25	10	2	KC11 - 0092 - LW
	3900	119	83	2.27	22*45	10	2	KC11 - 0093 - LW
		119	83	2.20	25*35	10	2	KC11 - 0094 - LW
		119	83	2.19	30*30	10	2	KC11 - 0095 - LW
	4700	99	69	2.43	25*40	10	2	KC11 - 0096 - LW
	5600	83	58	2.72	25*45	10	2	KC11 - 0097 - LW
		83	58	2.58	30*35	10	2	KC11 - 0098 - LW
		83	58	2.35	35*30	10	2	KC11 - 0099 - LW
	6800	68	48	3.01	30*40	10	2	KC11 - 0100 - LW
		68	48	2.91	35*35	10	2	KC11 - 0101 - LW
8200	57	40	3.63	30*50	10	2	KC11 - 0102 - LW	
	57	40	3.36	35*40	10	2	KC11 - 0103 - LW	
10000	46	33	3.79	35*45	10	2	KC11 - 0104 - LW	
12000	39	27	4.06	35*50	10	2	KC11 - 0105 - LW	
63 (79)	1000	398	279	1.10	22*25	10	2	KC11 - 0106 - LW
	1500	265	186	1.41	22*30	10	2	KC11 - 0107 - LW
		265	186	1.38	25*25	10	2	KC11 - 0108 - LW
	1800	221	155	1.62	22*35	10	2	KC11 - 0109 - LW
		221	155	1.63	25*30	10	2	KC11 - 0110 - LW
	2200	181	127	1.85	22*40	10	2	KC11 - 0111 - LW
		181	127	1.80	30*25	10	2	KC11 - 0112 - LW
	2700	147	103	2.10	22*45	10	2	KC11 - 0113 - LW
		147	103	2.03	25*35	10	2	KC11 - 0114 - LW
		147	103	2.01	30*30	10	2	KC11 - 0115 - LW
3300	121	84	2.33	25*40	10	2	KC11 - 0116 - LW	

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

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## Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (A rms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
63 (79)	3900	102	72	2.58	25*45	10	2	KC11 - 0117 - LW
		102	72	2.46	30*35	10	2	KC11 - 0118 - LW
		102	72	2.31	35*30	10	2	KC11 - 0119 - LW
	4700	85	59	2.82	30*40	10	2	KC11 - 0120 - LW
		85	59	2.77	35*35	10	2	KC11 - 0121 - LW
	5600	71	50	3.22	30*45	10	2	KC11 - 0122 - LW
		71	50	3.20	35*40	10	2	KC11 - 0123 - LW
	6800	59	41	3.61	35*45	10	2	KC11 - 0124 - LW
8200	49	34	3.94	35*50	10	2	KC11 - 0125 - LW	
80 (100)	820	405	283	1.09	22*25	10	2	KC11 - 0126 - LW
	1000	332	232	1.29	22*30	10	2	KC11 - 0127 - LW
	1200	277	194	1.48	22*35	10	2	KC11 - 0128 - LW
		277	194	1.38	25*25	10	2	KC11 - 0129 - LW
	1500	221	155	1.70	22*40	10	2	KC11 - 0130 - LW
		221	155	1.74	25*30	10	2	KC11 - 0131 - LW
		221	155	1.75	30*25	10	2	KC11 - 0132 - LW
	1800	184	129	1.91	22*45	10	2	KC11 - 0133 - LW
		184	129	1.86	25*35	10	2	KC11 - 0134 - LW
	2200	151	106	2.22	25*45	10	2	KC11 - 0135 - LW
		151	106	2.02	30*30	10	2	KC11 - 0136 - LW
	2700	123	86	2.38	30*35	10	2	KC11 - 0137 - LW
		123	86	2.45	35*30	10	2	KC11 - 0138 - LW
	3300	101	70	2.69	30*40	10	2	KC11 - 0139 - LW
		101	70	2.60	35*35	10	2	KC11 - 0140 - LW
	3900	85	60	2.94	30*45	10	2	KC11 - 0141 - LW
85		60	3.00	35*40	10	2	KC11 - 0142 - LW	
4700	71	49	3.44	35*45	10	2	KC11 - 0143 - LW	
5600	59	42	3.72	35*50	10	2	KC11 - 0144 - LW	
100 (125)	560	474	332	1.01	22*25	10	2	KC11 - 0145 - LW
	680	390	273	1.19	22*30	10	2	KC11 - 0146 - LW
	820	324	227	1.33	22*35	10	2	KC11 - 0147 - LW
		324	227	1.26	25*25	10	2	KC11 - 0148 - LW
	1000	265	186	1.56	22*40	10	2	KC11 - 0149 - LW
		265	186	1.52	25*30	10	2	KC11 - 0150 - LW
		265	186	1.47	30*25	10	2	KC11 - 0151 - LW
	1200	221	155	1.76	22*45	10	2	KC11 - 0152 - LW
		221	155	1.76	25*35	10	2	KC11 - 0153 - LW
		221	155	1.76	30*30	10	2	KC11 - 0154 - LW
	1500	177	124	2.00	22*50	10	2	KC11 - 0155 - LW
		177	124	2.03	25*40	10	2	KC11 - 0156 - LW
	1800	147	103	2.29	25*45	10	2	KC11 - 0157 - LW
		147	103	2.19	30*35	10	2	KC11 - 0158 - LW
		147	103	2.15	35*30	10	2	KC11 - 0159 - LW
	2200	121	84	2.52	30*40	10	2	KC11 - 0160 - LW
		121	84	2.48	35*35	10	2	KC11 - 0161 - LW
	2700	98	69	2.86	30*45	10	2	KC11 - 0162 - LW
98		69	2.87	35*40	10	2	KC11 - 0163 - LW	
3300	80	56	3.25	35*45	10	2	KC11 - 0164 - LW	
3900	68	48	3.56	35*50	10	2	KC11 - 0165 - LW	
160 (200)	220	905	633	0.63	22*25	10	2	KC11 - 0166 - LW
	270	737	516	0.76	22*30	10	2	KC11 - 0167 - LW
	330	603	422	0.90	22*35	10	2	KC11 - 0168 - LW
		603	422	0.84	25*25	10	2	KC11 - 0169 - LW
	390	510	357	0.97	25*30	10	2	KC11 - 0170 - LW
		510	357	1.00	30*25	10	2	KC11 - 0171 - LW
	470	424	296	1.11	22*40	10	2	KC11 - 0172 - LW
		424	296	1.14	25*35	10	2	KC11 - 0173 - LW
		424	296	1.17	30*30	10	2	KC11 - 0174 - LW
	560	355	249	1.26	22*45	10	2	KC11 - 0175 - LW

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 (A rms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number	
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)		
160 (200)	680	293	205	1.44	22*50	10	2	KC11 - 0176 - LW	
		293	205	1.43	25*40	10	2	KC11 - 0177 - LW	
		293	205	1.50	30*35	10	2	KC11 - 0178 - LW	
	820	243	170	1.63	25*45	10	2	KC11 - 0179 - LW	
		243	170	1.66	30*40	10	2	KC11 - 0180 - LW	
		243	170	1.63	35*30	10	2	KC11 - 0181 - LW	
	1000	199	139	1.89	30*45	10	2	KC11 - 0182 - LW	
		199	139	1.89	35*35	10	2	KC11 - 0183 - LW	
	1200	166	116	2.16	30*50	10	2	KC11 - 0184 - LW	
		166	116	2.23	35*40	10	2	KC11 - 0185 - LW	
	1500	133	93	2.61	35*45	10	2	KC11 - 0186 - LW	
	1800	111	77	2.97	35*50	10	2	KC11 - 0187 - LW	
	180 (225)	220	905	633	0.63	22*25	10	2	KC11 - 0188 - LW
		270	737	516	0.76	22*30	10	2	KC11 - 0189 - LW
737			516	0.76	25*25	10	2	KC11 - 0190 - LW	
330		603	422	0.90	22*35	10	2	KC11 - 0191 - LW	
		603	422	0.90	25*30	10	2	KC11 - 0192 - LW	
390		510	357	1.03	22*40	10	2	KC11 - 0193 - LW	
		510	357	1.06	25*30	10	2	KC11 - 0194 - LW	
		510	357	1.02	30*25	10	2	KC11 - 0195 - LW	
470		424	296	1.17	22*45	10	2	KC11 - 0196 - LW	
		424	296	1.17	30*30	10	2	KC11 - 0197 - LW	
560		355	249	1.32	22*50	10	2	KC11 - 0198 - LW	
		355	249	1.32	25*40	10	2	KC11 - 0199 - LW	
		355	249	1.33	30*35	10	2	KC11 - 0200 - LW	
680		293	205	1.51	25*45	10	2	KC11 - 0201 - LW	
		293	205	1.49	35*30	10	2	KC11 - 0202 - LW	
820		243	170	1.71	25*50	10	2	KC11 - 0203 - LW	
		243	170	1.74	30*40	10	2	KC11 - 0204 - LW	
		243	170	1.75	35*35	10	2	KC11 - 0205 - LW	
1000		199	139	2.01	30*45	10	2	KC11 - 0206 - LW	
		199	139	2.07	35*40	10	2	KC11 - 0207 - LW	
1200		166	116	2.25	30*50	10	2	KC11 - 0208 - LW	
		166	116	2.23	35*45	10	2	KC11 - 0209 - LW	
1500	133	93	2.76	35*50	10	2	KC11 - 0210 - LW		
200 (250)	180	1106	774	0.57	22*25	10	2	KC11 - 0211 - LW	
	220	905	633	0.70	22*30	10	2	KC11 - 0212 - LW	
	270	737	516	0.83	22*35	10	2	KC11 - 0213 - LW	
		737	516	0.76	25*25	10	2	KC11 - 0214 - LW	
	330	603	422	0.96	22*40	10	2	KC11 - 0215 - LW	
		603	422	0.90	25*30	10	2	KC11 - 0216 - LW	
	390	510	357	1.06	25*35	10	2	KC11 - 0217 - LW	
		510	357	1.02	30*25	10	2	KC11 - 0218 - LW	
	470	424	296	1.17	22*45	10	2	KC11 - 0219 - LW	
		424	296	1.22	25*40	10	2	KC11 - 0220 - LW	
		424	296	1.17	30*30	10	2	KC11 - 0221 - LW	
	560	355	249	1.39	25*45	10	2	KC11 - 0222 - LW	
		355	249	1.38	30*35	10	2	KC11 - 0223 - LW	
	680	293	205	1.58	25*50	10	2	KC11 - 0224 - LW	
		293	205	1.61	30*40	10	2	KC11 - 0225 - LW	
		293	205	1.49	35*30	10	2	KC11 - 0226 - LW	
	820	243	170	1.85	30*45	10	2	KC11 - 0227 - LW	
		243	170	1.75	35*35	10	2	KC11 - 0228 - LW	
	1000	199	139	2.11	30*50	10	2	KC11 - 0229 - LW	
		199	139	2.07	35*40	10	2	KC11 - 0230 - LW	
	1200	166	116	2.38	35*45	10	2	KC11 - 0231 - LW	
	1500	133	93	2.76	35*50	10	2	KC11 - 0232 - LW	

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

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## Standard rating

Voltage DC	Capacitance (µF)	ESR @ 120Hz, 20°C		Ripple Current (A rms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
250 (300)	150	1327	929	0.52	22*25	10	2	KC11 - 0233 - LW
		1106	774	0.64	22*30	10	2	KC11 - 0234 - LW
	180	1106	774	0.62	25*25	10	2	KC11 - 0235 - LW
		905	633	0.76	22*35	10	2	KC11 - 0236 - LW
	220	905	633	0.76	25*30	10	2	KC11 - 0237 - LW
		737	516	0.88	22*40	10	2	KC11 - 0238 - LW
	270	737	516	0.90	25*35	10	2	KC11 - 0239 - LW
		737	516	0.85	30*25	10	2	KC11 - 0240 - LW
	330	603	422	1.01	22*45	10	2	KC11 - 0241 - LW
		603	422	1.00	30*30	10	2	KC11 - 0242 - LW
	390	510	357	1.13	22*50	10	2	KC11 - 0243 - LW
		510	357	1.13	25*40	10	2	KC11 - 0244 - LW
	470	510	357	1.15	30*35	10	2	KC11 - 0245 - LW
		424	296	1.29	25*45	10	2	KC11 - 0246 - LW
	560	424	296	1.24	35*30	10	2	KC11 - 0247 - LW
		355	249	1.45	25*50	10	2	KC11 - 0248 - LW
	680	355	249	1.48	30*40	10	2	KC11 - 0249 - LW
		355	249	1.49	35*35	10	2	KC11 - 0250 - LW
820	293	205	1.71	30*45	10	2	KC11 - 0251 - LW	
	293	205	1.74	35*40	10	2	KC11 - 0252 - LW	
1000	243	170	1.94	30*50	10	2	KC11 - 0253 - LW	
315 (365)	68	3903	2732	0.32	22*25	10	2	KC11 - 0254 - LW
		3237	2266	0.38	22*30	10	2	KC11 - 0255 - LW
	82	2654	1858	0.41	25*25	10	2	KC11 - 0256 - LW
		2212	1548	0.48	22*35	10	2	KC11 - 0257 - LW
	100	2212	1548	0.49	25*30	10	2	KC11 - 0258 - LW
		1769	1239	0.56	22*40	10	2	KC11 - 0259 - LW
	120	1769	1239	0.51	30*25	10	2	KC11 - 0260 - LW
		1474	1032	0.63	22*45	10	2	KC11 - 0261 - LW
	150	1474	1032	0.62	25*35	10	2	KC11 - 0262 - LW
		1474	1032	0.63	30*30	10	2	KC11 - 0263 - LW
	180	1206	844	0.72	22*50	10	2	KC11 - 0264 - LW
		1206	844	0.71	25*40	10	2	KC11 - 0265 - LW
	220	1206	844	0.74	30*35	10	2	KC11 - 0266 - LW
		983	688	0.81	25*45	10	2	KC11 - 0267 - LW
	270	983	688	0.85	30*40	10	2	KC11 - 0268 - LW
		983	688	0.82	35*30	10	2	KC11 - 0269 - LW
	330	804	563	0.92	25*50	10	2	KC11 - 0270 - LW
		804	563	0.90	35*35	10	2	KC11 - 0271 - LW
390	681	476	1.04	25*50	10	2	KC11 - 0272 - LW	
	681	476	1.05	30*45	10	2	KC11 - 0273 - LW	
470	681	476	1.05	35*40	10	2	KC11 - 0274 - LW	
	565	395	1.15	30*50	10	2	KC11 - 0275 - LW	
560	565	395	1.18	35*45	10	2	KC11 - 0276 - LW	
	474	332	1.34	35*50	10	2	KC11 - 0277 - LW	
350 (400)	68	3903	2732	0.34	22*25	10	2	KC11 - 0278 - LW
		3237	2266	0.40	22*30	10	2	KC11 - 0279 - LW
	82	2654	1858	0.47	25*25	10	2	KC11 - 0280 - LW
		2212	1548	0.52	22*35	10	2	KC11 - 0281 - LW
	100	2212	1548	0.53	25*30	10	2	KC11 - 0282 - LW
		2212	1548	0.53	30*25	10	2	KC11 - 0283 - LW
	120	1769	1239	0.59	22*40	10	2	KC11 - 0284 - LW
		1769	1239	0.60	25*35	10	2	KC11 - 0285 - LW
	150	1474	1032	0.68	22*45	10	2	KC11 - 0286 - LW
		1474	1032	0.70	25*40	10	2	KC11 - 0287 - LW
	180	1474	1032	0.71	30*30	10	2	KC11 - 0288 - LW
		1206	844	0.78	25*50	10	2	KC11 - 0289 - LW
	220	1206	844	0.82	25*45	10	2	KC11 - 0290 - LW
		1206	844	0.82	30*35	10	2	KC11 - 0291 - LW

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 (A rms)	Ø Dia x Length (mm)	PCB Holes (mm)		Kormag Part Number
		Maximum (mΩ)	Typical			Pitch (P)	Size (Ø)	
350 (400)	270	983	688	0.94	25*50	10	2	KC11 - 0292 - LW
		983	688	0.93	30*40	10	2	KC11 - 0293 - LW
		983	688	0.90	35*30	10	2	KC11 - 0294 - LW
	330	804	563	1.05	30*45	10	2	KC11 - 0295 - LW
		804	563	1.01	35*35	10	2	KC11 - 0296 - LW
	390	681	476	1.18	30*50	10	2	KC11 - 0297 - LW
		681	476	1.13	35*40	10	2	KC11 - 0298 - LW
	470	565	395	1.26	35*45	10	2	KC11 - 0299 - LW
	560	474	332	1.39	35*50	10	2	KC11 - 0300 - LW
	400 (450)	68	3903	2732	0.38	22*30	10	2
82		3237	2266	0.41	25*25	10	2	KC11 - 0302 - LW
100		2654	1858	0.46	22*35	10	2	KC11 - 0303 - LW
		2654	1858	0.48	25*30	10	2	KC11 - 0304 - LW
		2654	1858	0.48	30*25	10	2	KC11 - 0305 - LW
120		2212	1548	0.53	22*40	10	2	KC11 - 0306 - LW
		2212	1548	0.55	25*35	10	2	KC11 - 0307 - LW
		2212	1548	0.56	30*30	10	2	KC11 - 0308 - LW
150		1769	1239	0.63	22*50	10	2	KC11 - 0309 - LW
		1769	1239	0.65	25*40	10	2	KC11 - 0310 - LW
180		1474	1032	0.72	25*45	10	2	KC11 - 0311 - LW
		1474	1032	0.74	30*35	10	2	KC11 - 0312 - LW
220		1206	844	0.79	25*50	10	2	KC11 - 0313 - LW
		1206	844	0.85	30*40	10	2	KC11 - 0314 - LW
		1206	844	0.89	35*30	10	2	KC11 - 0315 - LW
270		983	688	0.98	30*45	10	2	KC11 - 0316 - LW
		983	688	0.96	35*35	10	2	KC11 - 0317 - LW
330		804	563	1.12	30*50	10	2	KC11 - 0318 - LW
		804	563	1.12	35*40	10	2	KC11 - 0319 - LW
390		681	476	1.27	35*45	10	2	KC11 - 0320 - LW
470	565	395	1.33	35*50	10	2	KC11 - 0321 - LW	
450 (500)	68	3903	2732	0.38	22*30	10	2	KC11 - 0322 - LW
	82	3237	2266	0.44	22*35	10	2	KC11 - 0323 - LW
		3237	2266	0.45	25*30	10	2	KC11 - 0324 - LW
		3237	2266	0.46	30*25	10	2	KC11 - 0325 - LW
	100	2654	1858	0.50	22*40	10	2	KC11 - 0326 - LW
		2654	1858	0.52	25*35	10	2	KC11 - 0327 - LW
	120	2212	1548	0.58	22*50	10	2	KC11 - 0328 - LW
		2212	1548	0.58	25*40	10	2	KC11 - 0329 - LW
		2212	1548	0.58	30*30	10	2	KC11 - 0330 - LW
	150	1769	1239	0.66	25*45	10	2	KC11 - 0331 - LW
		1769	1239	0.68	30*35	10	2	KC11 - 0332 - LW
	180	1474	1032	0.74	25*50	10	2	KC11 - 0333 - LW
		1474	1032	0.77	30*40	10	2	KC11 - 0334 - LW
		1474	1032	0.77	35*30	10	2	KC11 - 0335 - LW
	220	1206	844	0.88	30*45	10	2	KC11 - 0336 - LW
		1206	844	0.88	35*35	10	2	KC11 - 0337 - LW
	270	983	688	0.99	30*50	10	2	KC11 - 0338 - LW
		983	688	1.01	35*40	10	2	KC11 - 0339 - LW
	330	804	563	1.15	35*45	10	2	KC11 - 0340 - LW
	390	681	476	1.28	35*50	10	2	KC11 - 0341 - LW

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