

KMH Series

- Endurance with ripple current : 2,000 hours at 105°C
- RoHS Compliant

KMH

105°C

SME P266

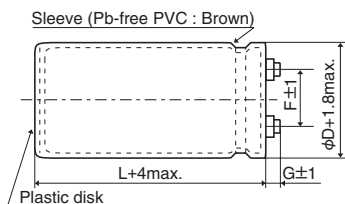


SPECIFICATIONS

Items	Characteristics						
Category							
Temperature Range	-40 to +105°C (10 to 100V _{dc}) -25 to +105°C (160 to 400V _{dc})						
Rated Voltage Range	10 to 400V _{dc}						
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)						
Leakage Current	I=0.02CV or 5mA, whichever is smaller. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 5 minutes)						
Dissipation Factor (tanδ)	Shall not exceed the values shown in the STANDARD RATINGS (at 20°C, 120Hz)						
Low Temperature Characteristics	Capacitance change 10 to 100V _{dc} : C(-40°C)/C(+20°C)≥0.6 160 to 400V _{dc} : C(-25°C)/C(+20°C)≥0.7 (at 120Hz)						
Insulation Resistance	When measured between the terminals that are connected to each other and to the mounting clamp on the insulating sleeve covering the case by using an insulation resistance meter of 500V _{dc} , the insulation resistance shall not be less than 100MΩ.						
Insulation Withstanding Voltage	When a voltage of 2,000Vac is applied for 1 minute between the terminals that are connected to each other and to the mounting clamp on the insulating sleeve covering the case, there shall not be electrical damage.						
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 2,000 hours at 105°C. <table border="1"> <tr> <td>Capacitance change</td><td>≤±20% of the initial value</td></tr> <tr> <td>D.F. (tanδ)</td><td>≤200% of the initial specified value</td></tr> <tr> <td>Leakage current</td><td>≤The initial specified value</td></tr> </table>	Capacitance change	≤±20% of the initial value	D.F. (tanδ)	≤200% of the initial specified value	Leakage current	≤The initial specified value
Capacitance change	≤±20% of the initial value						
D.F. (tanδ)	≤200% of the initial specified value						
Leakage current	≤The initial specified value						
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4. <table border="1"> <tr> <td>Capacitance change</td><td>≤±20% of the initial value</td></tr> <tr> <td>D.F. (tanδ)</td><td>≤200% of the initial specified value</td></tr> <tr> <td>Leakage current</td><td>≤The initial specified value</td></tr> </table>	Capacitance change	≤±20% of the initial value	D.F. (tanδ)	≤200% of the initial specified value	Leakage current	≤The initial specified value
Capacitance change	≤±20% of the initial value						
D.F. (tanδ)	≤200% of the initial specified value						
Leakage current	≤The initial specified value						

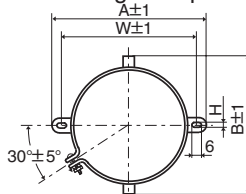
DIMENSIONS (Screw-Mount) [mm]

- Terminal Code : LG



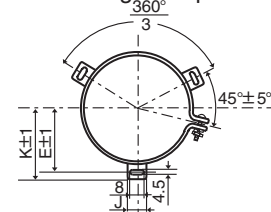
φ35 to φ63.5 : G=6
φ76.2 & φ89 : G=5

- Mounting Clamp Code : B



φD	A	B	W	H	F
35	58.0	44.0	48.0	3.5	12.7
50	78.0	64.0	68.0	4.5	22.4
63.5	90.0	76.0	80.0	4.5	28.0
76.2	104.5	90.0	93.5	4.5	31.5

- Mounting Clamp Code : C



φD	E	K	J	F
50	32.5	37.0	14.0	22.4
63.5	38.1	43.5	14.0	28.0
76.2	44.5	50.0	14.0	31.5
89	50.8	56.5	16.0	31.5

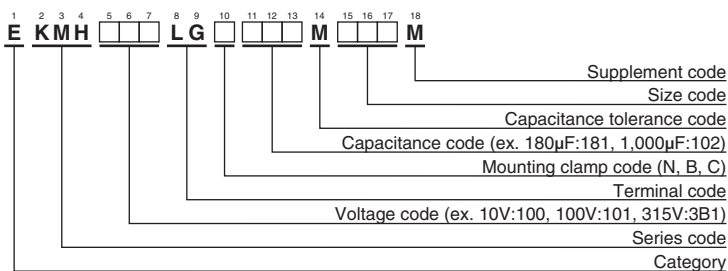
<Screw specifications>

Plus hexagon-headed screw :M5×0.8×10

Maximum screw tightening torque :3.23Nm

* The screw and the mounting clamp are separately supplied and not attached to the product.

PART NUMBERING SYSTEM



Please refer to "Product code guide (screw-mount terminal type)"

◆STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C,120Hz)	Part No.	WV (Vdc)	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C,120Hz)	Part No.
10	27,000	35×50	0.45	4.90	EKMH100LGB273MA50M	35	56,000	50×100	0.40	11.4	EKMH350LGC563MCA0M
	33,000	35×50	0.50	5.10	EKMH100LGB333MA50M		68,000	50×120	0.40	13.6	EKMH350LGC683MCC0M
	39,000	35×60	0.50	5.90	EKMH100LGB393MA60M		82,000	63.5×100	0.45	14.8	EKMH350LGC823MDA0M
	47,000	35×80	0.50	7.10	EKMH100LGB473MA80M		100,000	63.5×120	0.45	17.6	EKMH350LGC104MDC0M
	56,000	35×80	0.60	7.10	EKMH100LGB563MA80M		120,000	63.5×120	0.55	17.6	EKMH350LGC124MDC0M
	68,000	35×100	0.60	8.50	EKMH100LGB683MAA0M		150,000	76.2×120	0.65	19.8	EKMH350LGC154MEC0M
	82,000	35×100	0.65	8.90	EKMH100LGB823MAA0M		180,000	76.2×120	0.80	19.8	EKMH350LGC184MEC0M
	100,000	35×120	0.65	10.7	EKMH100LGB104MAC0M		220,000	76.2×140	0.80	23.4	EKMH350LGC224MEE0M
	120,000	50×80	0.75	11.0	EKMH100LGC124MCC0M		270,000	89×140	1.00	25.5	EKMH350LGC274MFE0M
	150,000	50×100	0.80	13.2	EKMH100LGC154MCA0M	50	3,900	35×50	0.20	2.80	EKMH500LGB392MA50M
	180,000	50×120	0.80	15.7	EKMH100LGC184MCC0M		4,700	35×50	0.20	3.10	EKMH500LGB472MA50M
	220,000	50×120	0.85	16.8	EKMH100LGC224MCC0M		5,600	35×50	0.20	3.30	EKMH500LGB562MA50M
	270,000	63.5×120	1.00	19.6	EKMH100LGC274MDC0M		6,800	35×50	0.25	3.30	EKMH500LGB682MA50M
	330,000	63.5×120	1.20	19.7	EKMH100LGC334MDC0M		8,200	35×60	0.25	3.80	EKMH500LGB822MA60M
	390,000	76.2×120	1.50	21.3	EKMH100LGC394MEC0M		10,000	35×80	0.25	4.60	EKMH500LGB103MA80M
	470,000	76.2×120	1.80	21.4	EKMH100LGC474MEC0M		12,000	35×80	0.25	5.10	EKMH500LGB123MA80M
	560,000	76.2×140	2.00	23.6	EKMH100LGC564MEE0M		15,000	35×80	0.25	5.70	EKMH500LGB153MA80M
	680,000	89×140	2.40	26.0	EKMH100LGC684MFE0M		18,000	35×100	0.25	6.70	EKMH500LGB183MAA0M
	18,000	35×50	0.40	4.20	EKMH160LGB183MA50M		22,000	35×120	0.25	8.10	EKMH500LGB223MAC0M
	22,000	35×50	0.40	4.70	EKMH160LGB223MA50M		27,000	50×80	0.25	9.10	EKMH500LGC273MCC0M
	27,000	35×60	0.40	5.50	EKMH160LGB273MA60M		33,000	50×100	0.25	11.1	EKMH500LGC333MCA0M
	33,000	35×60	0.45	5.70	EKMH160LGB333MA60M		39,000	50×120	0.25	13.1	EKMH500LGC393MCC0M
	39,000	35×80	0.45	6.80	EKMH160LGB393MA80M		47,000	50×120	0.30	13.9	EKMH500LGC473MCC0M
16	47,000	35×80	0.50	7.10	EKMH160LGB473MA80M		56,000	63.5×100	0.35	13.9	EKMH500LGC563MDA0M
	56,000	35×100	0.50	8.40	EKMH160LGB563MAA0M		68,000	63.5×120	0.35	16.6	EKMH500LGC683MDC0M
	68,000	35×100	0.55	8.80	EKMH160LGB683MAA0M		82,000	76.2×120	0.40	18.9	EKMH500LGC823MEC0M
	82,000	50×80	0.55	10.7	EKMH160LGB823MCC0M		100,000	76.2×120	0.45	19.5	EKMH500LGC104MEC0M
	100,000	50×80	0.65	10.8	EKMH160LGC104MCC0M		120,000	76.2×120	0.55	19.5	EKMH500LGC124MEC0M
	120,000	50×100	0.65	13.1	EKMH160LGC124MCA0M		150,000	89×140	0.60	23.9	EKMH500LGC154MFE0M
	150,000	50×120	0.70	15.3	EKMH160LGC154MCC0M		180,000	89×140	0.75	23.9	EKMH500LGC184MFE0M
	180,000	50×120	0.80	15.7	EKMH160LGC184MCC0M	63	2,700	35×50	0.20	2.30	EKMH630LGB272MA50M
	220,000	63.5×120	0.85	19.2	EKMH160LGC224MDC0M		3,300	35×50	0.20	2.50	EKMH630LGB332MA50M
	270,000	63.5×120	1.00	19.6	EKMH160LGC274MDC0M		3,900	35×50	0.20	2.80	EKMH630LGB392MA50M
	330,000	76.2×120	1.30	21.1	EKMH160LGC334MEC0M		4,700	35×50	0.20	3.10	EKMH630LGB472MA50M
	390,000	76.2×120	1.50	21.3	EKMH160LGC394MEC0M		5,600	35×60	0.20	3.50	EKMH630LGB562MA60M
	470,000	76.2×140	1.60	24.2	EKMH160LGC474MEE0M		6,800	35×60	0.20	3.90	EKMH630LGB682MA60M
	560,000	89×140	2.00	28.1	EKMH160LGC564MFE0M		8,200	35×80	0.20	4.70	EKMH630LGB822MA80M
	680,000	89×140	2.40	28.5	EKMH160LGC684MFE0M		10,000	35×80	0.25	4.70	EKMH630LGB103MA80M
	12,000	35×50	0.35	3.70	EKMH250LGB123MA50M		12,000	35×100	0.25	5.50	EKMH630LGB123MAA0M
	15,000	35×50	0.35	4.10	EKMH250LGB153MA50M		15,000	35×120	0.25	6.60	EKMH630LGB153MAC0M
	18,000	35×60	0.35	4.80	EKMH250LGB183MA60M		18,000	50×80	0.25	7.40	EKMH630LGC183MCC0M
	22,000	35×60	0.35	5.30	EKMH250LGB223MA60M		22,000	50×100	0.25	9.00	EKMH630LGC223MCA0M
	27,000	35×80	0.35	6.40	EKMH250LGB273MA80M		27,000	50×120	0.25	10.9	EKMH630LGC273MCC0M
	33,000	35×80	0.40	6.70	EKMH250LGB333MA80M		33,000	50×120	0.25	12.0	EKMH630LGC333MCC0M
	39,000	35×100	0.40	7.80	EKMH250LGB393MAA0M		39,000	63.5×100	0.30	12.5	EKMH630LGC393MDA0M
25	47,000	35×120	0.40	9.30	EKMH250LGB473MAC0M		47,000	63.5×120	0.30	14.9	EKMH630LGC473MDC0M
	56,000	50×80	0.45	9.70	EKMH250LGB563MCC0M		56,000	63.5×120	0.30	16.3	EKMH630LGC563MDC0M
	68,000	50×100	0.45	11.2	EKMH250LGC683MCA0M		68,000	76.2×120	0.35	18.4	EKMH630LGC683MEC0M
	82,000	50×100	0.50	11.2	EKMH250LGC823MCA0M		82,000	76.2×140	0.40	20.0	EKMH630LGC823MEE0M
	100,000	50×120	0.50	14.8	EKMH250LGC104MCC0M		100,000	76.2×140	0.50	20.0	EKMH630LGC104MEE0M
	120,000	63.5×100	0.65	14.9	EKMH250LGC124MDA0M		120,000	89×140	0.60	21.8	EKMH630LGC124MFE0M
	150,000	63.5×120	0.65	17.9	EKMH250LGC154MDC0M	80	2,200	35×50	0.15	2.40	EKMH800LGB222MA50M
	180,000	63.5×120	0.80	17.9	EKMH250LGC184MDC0M		2,700	35×50	0.15	2.70	EKMH800LGB272MA50M
	220,000	76.2×120	0.85	21.3	EKMH250LGC224MEC0M		3,300	35×50	0.15	3.00	EKMH800LGB332MA50M
	270,000	76.2×120	1.00	21.7	EKMH250LGC274MEC0M		3,900	35×60	0.15	3.40	EKMH800LGB392MA60M
	330,000	76.2×140	1.20	23.4	EKMH250LGC334MEE0M		4,700	35×60	0.15	3.70	EKMH800LGB472MA60M
	390,000	89×140	1.50	24.9	EKMH250LGC394MFE0M		5,600	35×80	0.15	4.50	EKMH800LGB562MA80M
	8,200	35×50	0.30	3.30	EKMH350LGB822MA50M		6,800	35×80	0.15	4.90	EKMH800LGB682MA80M
	10,000	35×50	0.30	3.60	EKMH350LGB103MA50M		8,200	35×100	0.20	5.10	EKMH800LGB822MAA0M
	12,000	35×60	0.30	4.20	EKMH350LGB123MA60M		10,000	35×120	0.20	6.10	EKMH800LGB103MAC0M
	15,000	35×60	0.30	4.70	EKMH350LGB153MA60M		12,000	50×80	0.20	6.70	EKMH800LGC123MCC0M
	18,000	35×80	0.30	5.70	EKMH350LGB183MA80M		15,000	50×100	0.20	8.30	EKMH800LGC153MCA0M
	22,000	35×80	0.30	6.30	EKMH350LGB223MA80M		18,000	50×120	0.20	9.90	EKMH800LGC183MCC0M
	27,000	35×100	0.30	7.50	EKMH350LGB273MAA0M		22,000	50×120	0.20	11.0	EKMH800LGC223MCC0M
	33,000	35×120	0.30	9.00	EKMH350LGB333MAC0M		27,000	63.5×100	0.25	11.4	EKMH800LGC273MDA0M
	39,000	50×80	0.35	9.20	EKMH350LGC393MCC0M		33,000	76.2×100	0.25	13.9	EKMH800LGC333MEA0M
	47,000	50×100	0.35	11.2	EKMH350LGC473MCA0M		39,000	76.2×100	0.30	13.9	EKMH800LGC393MEA0M

◆STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.	WV (Vdc)	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.
80	47,000	76.2×120	0.30	16.5	EKM800LGC473MEC0M	250	330	35×50	0.15	0.90	EKM251LGB331MA50M
	56,000	76.2×120	0.30	18.1	EKM800LGC563MEC0M		390	35×50	0.15	1.00	EKM251LGB391MA50M
	68,000	76.2×140	0.35	19.7	EKM800LGC683MEE0M		470	35×50	0.15	1.10	EKM251LGB471MA50M
	82,000	89×140	0.40	22.1	EKM800LGC823MFE0M		560	35×50	0.15	1.20	EKM251LGB561MA50M
100	1,800	35×50	0.10	2.70	EKM101LGB182MA50M		680	35×60	0.15	1.40	EKM251LGB681MA60M
	2,200	35×50	0.10	3.00	EKM101LGB222MA50M		820	35×80	0.15	1.60	EKM251LGB821MA80M
	2,700	35×60	0.10	3.50	EKM101LGB272MA60M		1,000	35×80	0.20	1.60	EKM251LGB102MA80M
	3,300	35×80	0.10	4.20	EKM101LGB332MA80M		1,200	35×80	0.20	1.80	EKM251LGB122MA80M
	3,900	35×80	0.12	4.20	EKM101LGB392MA80M		1,500	35×100	0.20	2.10	EKM251LGB152MAA0M
	4,700	35×100	0.12	5.00	EKM101LGB472MAA0M		1,800	35×120	0.20	2.50	EKM251LGB182MAC0M
	5,600	35×100	0.12	5.40	EKM101LGB562MAA0M		2,200	50×80	0.20	2.90	EKM251LGC222MC80M
	6,800	35×120	0.15	5.80	EKM101LGB682MAC0M		2,700	50×100	0.20	3.50	EKM251LGC272MCA0M
	8,200	50×80	0.15	6.40	EKM101LGC822MC80M		3,300	50×120	0.20	4.20	EKM251LGC332MCC0M
	10,000	50×100	0.15	7.80	EKM101LGC103MCA0M		3,900	50×120	0.20	4.60	EKM251LGC392MCC0M
	12,000	50×120	0.15	9.30	EKM101LGC123MCC0M		4,700	63.5×120	0.20	5.70	EKM251LGC472MDC0M
	15,000	50×120	0.15	10.4	EKM101LGC153MCC0M		5,600	63.5×120	0.20	6.30	EKM251LGC562MDC0M
	18,000	63.5×100	0.20	10.4	EKM101LGC183MDA0M		6,800	76.2×120	0.20	7.70	EKM251LGC682MEC0M
	22,000	63.5×120	0.20	12.5	EKM101LGC223MDC0M		8,200	76.2×120	0.20	8.40	EKM251LGC822MEC0M
	27,000	76.2×120	0.25	13.7	EKM101LGC273MEC0M		10,000	76.2×140	0.20	10.0	EKM251LGC103MEE0M
	33,000	76.2×120	0.25	15.2	EKM101LGC333MEC0M	315	12,000	89×140	0.20	11.9	EKM251LGC123MFE0M
160	39,000	76.2×140	0.30	16.1	EKM101LGC393MEE0M		180	35×50	0.10	0.80	EKM315LGB181MA50M
	47,000	89×140	0.30	19.3	EKM101LGC473MFE0M		220	35×50	0.10	0.90	EKM315LGB221MA50M
	56,000	89×140	0.30	21.1	EKM101LGC563MFE0M		270	35×50	0.10	1.00	EKM315LGB271MA50M
	560	35×50	0.15	1.20	EKM161LGB561MA50M		330	35×50	0.10	1.10	EKM315LGB331MA50M
	680	35×50	0.15	1.30	EKM161LGB681MA50M		390	35×50	0.10	1.20	EKM315LGB391MA50M
	820	35×50	0.15	1.40	EKM161LGB821MA50M		470	35×60	0.10	1.40	EKM315LGB471MA60M
	1,000	35×50	0.15	1.60	EKM161LGB102MA50M		560	35×60	0.10	1.50	EKM315LGB561MA60M
	1,200	35×60	0.15	1.90	EKM161LGB122MA60M		680	35×80	0.10	1.70	EKM315LGB681MA80M
	1,500	35×60	0.15	2.10	EKM161LGB152MA60M		820	35×80	0.15	1.70	EKM315LGB821MA80M
	1,800	35×80	0.15	2.50	EKM161LGB182MA80M		1,000	35×100	0.15	2.00	EKM315LGB102MAA0M
	2,200	35×80	0.15	2.80	EKM161LGB222MA80M		1,200	35×120	0.15	2.40	EKM315LGB122MAC0M
	2,700	35×100	0.15	3.30	EKM161LGB272MAA0M		1,500	50×80	0.15	2.70	EKM315LGC152MC80M
	3,300	35×120	0.15	3.80	EKM161LGB332MAC0M		1,800	50×100	0.15	3.30	EKM315LGC182MCA0M
	3,900	50×80	0.20	3.80	EKM161LGC392MC80M		2,200	50×120	0.15	4.00	EKM315LGC222MCC0M
	4,700	50×100	0.20	4.60	EKM161LGC472MCA0M		2,700	50×120	0.15	4.40	EKM315LGC272MCC0M
	5,600	50×100	0.20	5.10	EKM161LGC562MCA0M	350	3,300	63.5×100	0.15	5.10	EKM315LGC332MDA0M
200	6,800	50×120	0.20	6.10	EKM161LGC682MCC0M		3,900	63.5×120	0.15	6.00	EKM315LGC392MDC0M
	8,200	63.5×100	0.20	7.00	EKM161LGC822MDA0M		4,700	76.2×100	0.15	6.80	EKM315LGC472MEA0M
	10,000	63.5×120	0.20	8.40	EKM161LGC103MDC0M		5,600	76.2×120	0.15	8.00	EKM315LGC562MEC0M
	12,000	76.2×100	0.20	9.40	EKM161LGC123MEA0M		6,800	76.2×130	0.15	9.20	EKM315LGC682MED0M
	15,000	76.2×120	0.20	11.4	EKM161LGC153MEC0M		8,200	89×140	0.15	11.4	EKM315LGC822MFE0M
	18,000	76.2×140	0.20	13.4	EKM161LGC183MEE0M		10,000	89×140	0.15	12.6	EKM315LGC103MFE0M
	22,000	89×140	0.25	14.5	EKM161LGC223MFE0M		180	35×50	0.10	0.80	EKM351LGB181MA50M
	27,000	89×140	0.25	16.0	EKM161LGC273MFE0M		220	35×50	0.10	0.90	EKM351LGB221MA50M
	330	35×50	0.15	0.90	EKM201LGB331MA50M		270	35×50	0.10	1.00	EKM351LGB271MA50M
	390	35×50	0.15	1.00	EKM201LGB391MA50M		330	35×50	0.10	1.10	EKM351LGB331MA50M
	470	35×50	0.15	1.10	EKM201LGB471MA50M		390	35×60	0.10	1.30	EKM351LGB391MA60M
	560	35×50	0.15	1.20	EKM201LGB561MA50M		470	35×60	0.10	1.40	EKM351LGB471MA60M
	680	35×50	0.15	1.30	EKM201LGB681MA50M		560	35×80	0.10	1.60	EKM351LGB561MA80M
	820	35×50	0.15	1.40	EKM201LGB821MA50M		680	35×80	0.15	1.60	EKM351LGB681MA80M
	1,000	35×60	0.15	1.70	EKM201LGB102MA60M		820	35×100	0.15	1.80	EKM351LGB821MAA0M
	1,200	35×60	0.15	1.90	EKM201LGB122MA60M	400	1,000	35×120	0.15	2.20	EKM351LGB102MAC0M
	1,500	35×80	0.15	2.30	EKM201LGB152MA80M		1,200	50×80	0.15	2.40	EKM351LGC122MC80M
	1,800	35×80	0.15	2.50	EKM201LGB182MA80M		1,500	50×100	0.15	3.00	EKM351LGC152MCA0M
	2,200	35×100	0.15	3.00	EKM201LGB222MAA0M		1,800	50×120	0.15	3.60	EKM351LGC182MCC0M
	2,700	35×120	0.15	3.60	EKM201LGB272MAC0M		2,200	50×120	0.15	4.00	EKM351LGC222MCC0M
	3,300	50×80	0.15	4.10	EKM201LGC332MC80M		2,700	63.5×100	0.15	4.60	EKM351LGC272MDA0M
	3,900	50×100	0.15	4.90	EKM201LGC392MCA0M		3,900	76.2×120	0.15	6.70	EKM351LGC392MEC0M
	4,700	63.5×100	0.20	5.30	EKM201LGC472MDA0M		5,600	76.2×130	0.15	8.30	EKM351LGC562MED0M
	5,600	63.5×100	0.20	5.80	EKM201LGC562MDA0M		6,800	76.2×140	0.15	9.50	EKM351LGC682MEE0M
	6,800	63.5×120	0.20	6.90	EKM201LGC682MDC0M		8,200	89×140	0.15	11.4	EKM351LGC822MFE0M
	8,200	63.5×120	0.20	7.60	EKM201LGC822MDC0M		180	35×50	0.10	0.80	EKM401LGB181MA50M
	10,000	76.2×120	0.20	9.30	EKM201LGC103MDC0M		220	35×50	0.10	0.90	EKM401LGB221MA50M
	12,000	76.2×120	0.20	10.2	EKM201LGC123MEC0M		270	35×50	0.10	1.00	EKM401LGB271MA50M
	15,000	76.2×140	0.20	12.2	EKM201LGC153MEE0M		330	35×60	0.10	1.20	EKM401LGB331MA60M
	18,000	89×140	0.25	13.1	EKM201LGC183MFE0M		390	35×60	0.10	1.30	EKM401LGB391MA60M
250	270	35×50	0.15	0.80	EKM251LGB271MA50M		470	35×80	0.10	1.40	EKM401LGB471MA80M

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.	WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.
400	560	35×80	0.15	1.40	EKM401LGB561MA80M	400	2,200	63.5×100	0.15	4.20	EKM401LGC222MDA0M
	680	35×100	0.15	1.70	EKM401LGB681MAA0M		3,300	63.5×120	0.15	5.50	EKM401LGC332MDC0M
	820	35×120	0.15	2.00	EKM401LGB821MAC0M		4,700	76.2×130	0.15	7.60	EKM401LGC472MED0M
	1,000	50×80	0.15	2.20	EKM401LGC102MC80M		5,600	89×140	0.15	9.40	EKM401LGC562MFE0M
	1,200	50×100	0.15	2.70	EKM401LGC122MCA0M		6,800	89×140	0.15	10.4	EKM401LGC682MFE0M
	1,500	50×120	0.15	3.30	EKM401LGC152MCC0M						

◆RATED RIPPLE CURRENT MULTIPLIERS

●Frequency Multipliers

Rated voltage (V _{dc})	Case diameter (mm)	Frequency (Hz)					
		50	120	300	1k	10k	50k
10 to 50	φ35 to φ89	0.95	1.00	1.03	1.05	1.09	1.12
63 & 80	φ35	0.90	1.00	1.06	1.10	1.18	1.22
	φ50 to φ89	0.95	1.00	1.03	1.05	1.09	1.12
100	φ35	0.82	1.00	1.12	1.22	1.30	1.33
	φ50	0.90	1.00	1.06	1.10	1.18	1.22
	φ63.5 to φ89	0.95	1.00	1.03	1.05	1.09	1.12
160 to 250	φ35	0.80	1.00	1.19	1.34	1.46	1.52
	φ50 & φ63.5	0.81	1.00	1.14	1.26	1.36	1.41
	φ76.2 & φ89	0.82	1.00	1.12	1.22	1.30	1.33
315 to 400	φ35 to φ89	0.80	1.00	1.19	1.34	1.46	1.52

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.