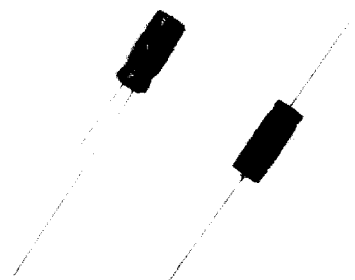


KMC SERIES

• 105°C SIZE; KMC → KME → KMG



- This series is not recommended for new application design because of old products. Recommend to use KME and KMG series.
- Solvent proof type, see page 6.

CHARACTERISTICS

Item	Characteristics												
Rated working voltage	6.3 ~ 100V	160 ~ 250V											
Operating temperature range	-55 ~ +105°C	-40 ~ 105°C											
Capacitance tolerance	±20% (at 20°C, 120Hz)												
Leakage current	Rated voltage	≤100V	>100V										
	Time	2 minutes	1 minute	5 minutes									
			CV ≤ 1,000	CV > 1,000	CV ≤ 1,000	CV > 1,000							
	KMC	0.002CV or 2μA, whichever is larger	0.1CV+40	0.04CV+100	0.03CV+15	0.02CV+25							
(at 20°C)													
tan δ	Rated voltage (V)	6.3	10	16	25	35	50	63	80	100	160	200	250
	tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.08	0.07	0.15	0.12	0.10	0.10
Note: Above tan δ specifications shall be 0.02 added every 1,000μF for capacitor exceeding 1,000μF. (at 20°C, 120Hz)													
Load life	The following specification shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied for 1,000 hours (2,000 hours for KMC of ø10 or more) at 105°C.												
	Rated voltage (V)	6.3 ~ 16			25 ~ 100			160 ~					
	Capacitance change	±25%			±20%			±20%					
	tan δ	Less than 200% of the initial specified value.											
Leakage current	Less than the initial specified value.												
Others	Satisfies characteristic W of JIS C 5141.												

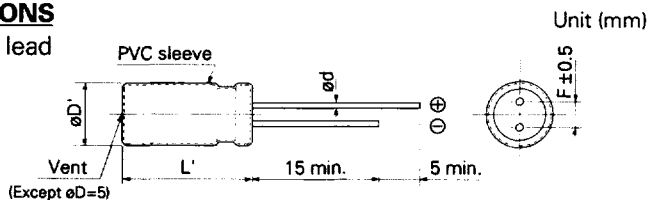
CASE SIZES

VB/Radial lead

μF \ V	6.3	10	16	25	35	50	63	80	100	160	200	250
0.47						5x11			5x11	6.3x11		
1						5x11			5x11	6.3x11		10x16
2.2						5x11			5x11	8x11.5		10x16
3.3						5x11			5x11	10x16	10x16	10x16
4.7					5x11	5x11	5x11		6.3x11	10x16	10x16	10x16
10					5x11	5x11	6.3x11		8x11.5	10x16	10x20	12.5x20
22				5x11	6.3x11	5x11	8x11.5	10x12.5	10x12.5	12.5x20	12.5x20	12.5x25
33			5x11	6.3x11	6.3x11	8x11.5	8x11.5	10x16	10x16	12.5x25	16x25	16x25
47	5x11	5x11	6.3x11	6.3x11	8x11.5	8x11.5	10x12.5	10x16	10x20	16x25	16x25	16x31.5
100	6.3x11	6.3x11	8x11.5	8x11.5	10x12.5	10x16	10x20	12.5x20	12.5x20	10x35.5	18x40	
220	8x11.5	8x11.5	10x12.5	10x16	10x20	12.5x20	12.5x20	12.5x25	16x25			
330	10x12.5	10x12.5	10x16	10x20	12.5x20	12.5x20	12.5x25	16x31.5	16x31.5			
470	10x12.5	10x16	10x20	12.5x20	12.5x25	16x25	16x25	16x35.5	18x35.5			
1,000	10x20	12.5x20	12.5x25	16x25	16x25	16x31.5	18x35.5					
2,200	12.5x25	16x25	16x25	16x35.5	18x35.5							
3,300	16x25	16x31.5	16x35.5	18x40								
4,700	16x31.5	16x35.5	18x35.5									
6,800	16x35.5	18x40										
10,000	18x40											

DIMENSIONS

VB/Radial lead



Unit (mm)	5	6.3	8	10	12.5	16	18
øD	5	6.3	8	10	12.5	16	18
ød	0.5	0.6	0.6	0.6	0.6	0.6	0.8
F	2.0	2.5	3.5	5	5	7.5	7.5
L'	L+1.5			L+2.0			
øD'	øD+0.5			øD+0.5			