

MMK SERIES

◆ FEATURES

- Smaller version of MMW-HP series.
- For applications where high frequency, high current are required. (Switching power supply, lighting inverter, etc)
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- RoHS compliance.

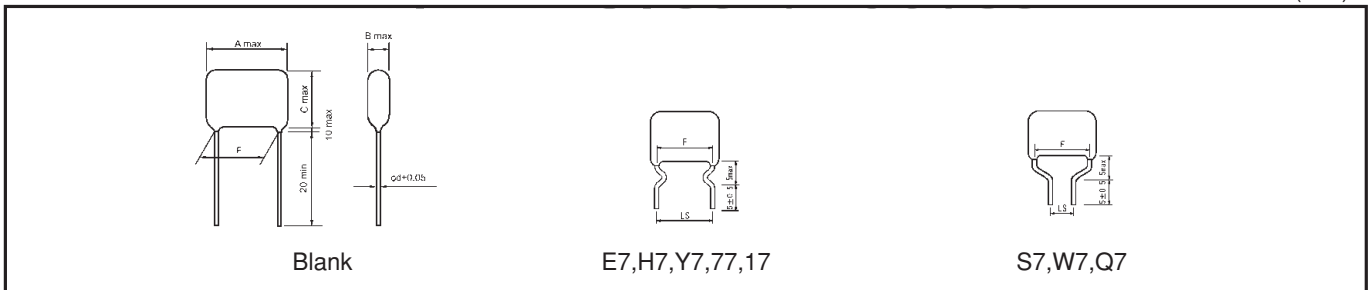


◆ SPECIFICATIONS

Category temperature	-40 ~ +105°C (Derate the voltage as shown in the Fig2 at P233 when using the capacitor beyond 85°C.)
Rated voltage (U _R)	100VDC, 450VDC, 630VDC
Capacitance tolerance	±5%(J), ±10%(K)
tanδ	0.01max at 1kHz
Voltage proof	U _R × 150% 60s
Insulation resistance	0.33μF ≤ : 9000MΩmin 0.33μF < : 3000ΩFmin
Reference standard	JIS C 5101-2, JIS C 5101-1

◆ OUTLINE

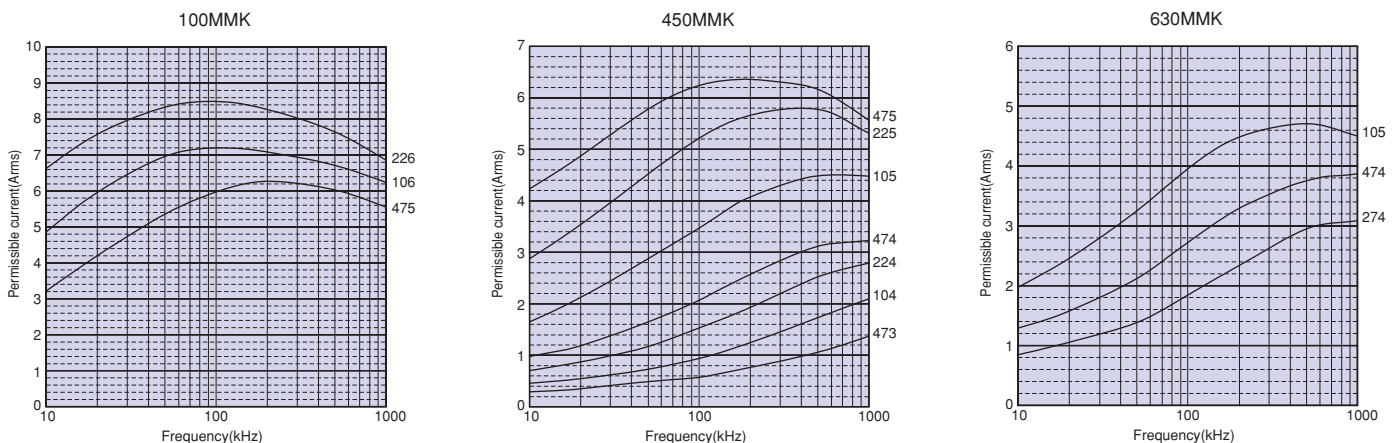
(mm)



◆ PART NUMBER



◆ PERMISSIBLE CURRENT FOR FREQUENCY



◆ STANDARD SIZE
 : Tolerance ** : Suffix

RATED VOLTAGE	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)								Part No.
								Long Lead type		Taping Ammo pack type - style						
		A	B	C	F±1.0	LS±0.5	d	Bag	Carton	TC	TX, TH	TL, TJ	TN	TS		
100 VDC	4.7	19.0	11.5	22.5	15.0	7.5/10.0/15.0	1.0	200	1,000	-	-	-	-	-	100MMK475□**	
	5.6	19.0	12.5	23.5	15.0	7.5/10.0/15.0	1.0	200	800	-	-	-	-	-	100MMK565□**	
	6.8	19.0	14.0	25.0	15.0	7.5/10.0/15.0	1.0	100	800	-	-	-	-	-	100MMK685□**	
	8.2	19.0	15.5	26.5	15.0	7.5/10.0/15.0	1.0	100	800	-	-	-	-	-	100MMK825□**	
	10	19.0	17.0	29.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	100MMK106□**	
	12	26.5	14.5	26.0	22.5	22.5	1.0	100	500	-	-	-	-	-	100MMK126□**	
	15	26.5	16.5	28.0	22.5	22.5	1.0	100	400	-	-	-	-	-	100MMK156□**	
	18	26.5	17.5	30.0	22.5	22.5	1.0	100	300	-	-	-	-	-	100MMK186□**	
	22	26.5	20.5	32.0	22.5	22.5	1.0	100	300	-	-	-	-	-	100MMK226□**	
450 VDC	0.47	10.0	5.0	11.0	7.5	5.0/7.5	0.6	200	5,000	-	-	-	-	-	450MMK473□**	
	0.56	10.0	5.5	11.5	7.5	5.0/7.5	0.6	200	5,000	-	-	-	-	-	450MMK563□**	
	0.68	10.0	6.0	11.5	7.5	5.0/7.5	0.6	200	4,000	-	-	-	-	-	450MMK683□**	
	0.82	10.0	7.5	12.0	7.5	5.0/7.5	0.8	200	3,000	-	-	-	-	-	450MMK823□**	
	0.1	10.0	7.5	14.0	7.5	5.0/7.5	0.8	100	3,000	-	-	-	-	-	450MMK104□**	
	0.12	10.0	8.0	14.5	7.5	5.0/7.5	0.8	100	3,000	-	-	-	-	-	450MMK124□**	
	0.15	10.0	8.0	15.0	7.5	5.0/7.5	0.8	100	3,000	-	-	-	-	-	450MMK154□**	
	0.18	13.0	7.0	14.0	10.0	5.0/7.5/10.0	0.8	100	3,000	-	-	-	-	-	450MMK184□**	
	0.22	13.0	8.0	16.0	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MMK224□**	
	0.27	13.0	8.0	17.5	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MMK274□**	
	0.33	13.0	8.5	18.5	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MMK334□**	
	0.39	13.0	9.0	19.0	10.0	5.0/7.5/10.0	0.8	100	1,500	-	-	-	-	-	450MMK394□**	
	0.47	13.0	10.5	20.0	10.0	5.0/7.5/10.0	0.8	50	1,500	-	-	-	-	-	450MMK474□**	
	0.56	13.0	11.0	20.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MMK564□**	
	0.68	13.0	12.0	22.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MMK684□**	
	0.82	13.0	13.0	23.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MMK824□**	
	1	13.0	15.0	25.0	10.0	5.0/7.5/10.0	1.0	200	800	-	-	-	-	-	450MMK105□**	
	1.2	13.0	15.5	26.5	10.0	5.0/7.5/10.0	1.0	100	500	-	-	-	-	-	450MMK125□**	
	1.5	18.0	13.5	23.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MMK155□**	
	1.8	18.0	15.0	25.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MMK185□**	
2.2	18.0	17.0	27.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MMK225□**		
2.7	23.0	15.5	26.0	20.0	20.0	1.0	100	400	-	-	-	-	-	450MMK275□**		
3.3	23.0	17.0	27.5	20.0	20.0	1.0	50	400	-	-	-	-	-	450MMK335□**		
3.9	23.0	19.0	29.0	20.0	20.0	1.0	50	400	-	-	-	-	-	450MMK395□**		
4.7	23.0	20.5	31.0	20.0	20.0	1.0	50	300	-	-	-	-	-	450MMK475□**		
630 VDC	0.27	18.0	9.5	19.5	15.0	7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	630MMK274□**	
	0.33	18.0	10.5	20.5	15.0	7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	630MMK334□**	
	0.39	18.0	11.0	21.0	15.0	7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	630MMK394□**	
	0.47	18.0	12.0	22.0	15.0	7.5/10.0/15.0	1.0	200	800	-	-	-	-	-	630MMK474□**	
	0.56	18.0	13.5	23.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MMK564□**	
	0.68	18.0	14.5	24.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MMK684□**	
	0.82	18.0	16.0	26.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MMK824□**	
1	18.0	17.5	28.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MMK105□**		