



MMH SERIES

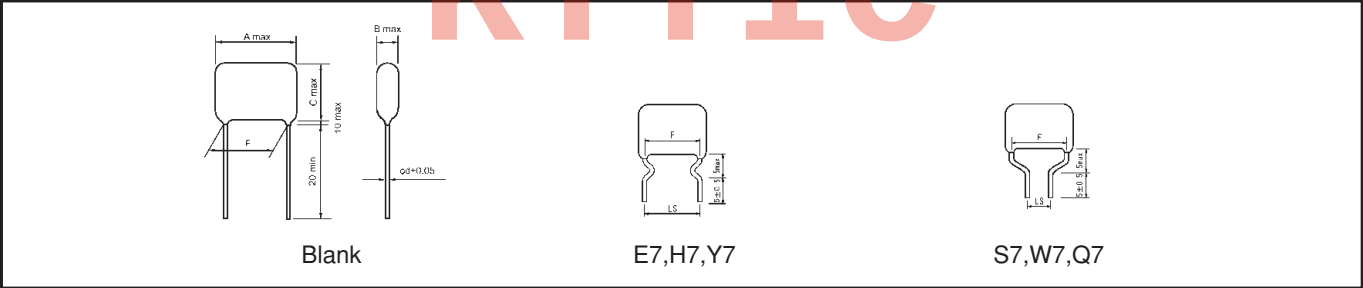
- ◆ FEATURES
- Small and high current.
 - Reliability is excellent because these capacitors provide self-healing and the construction of safety protection.
 - Coated with flame-retardant (UL94 V-0) epoxy resin.
 - Ideal for active filter circuit, etc.
 - RoHS compliance.



◆ 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)	450VDC,500VDC
Capacitance tolerance	± 5%(J), ± 10%(K)
tanδ	0.01max at 1kHz
Voltage proof	U _R ×150% 60s
Insulation resistance	0.33μF ≤ :15000MΩmin 0.33μF < :5000ΩFmin
Reference standard	JIS C 5101-2, JIS C 5101-1

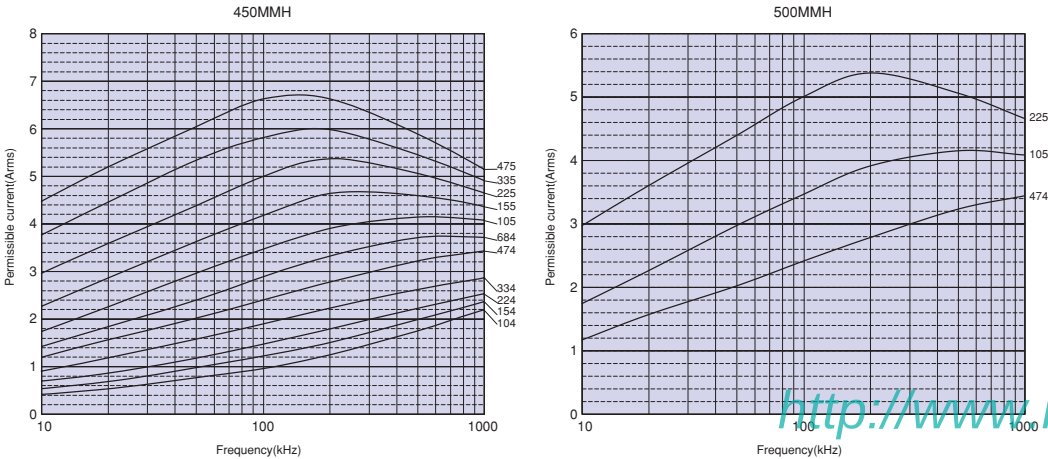
◆ OUTLINE



◆ 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	
450 VDC	0.1	10.0	6.0	11.0	7.5	5.0/7.5	0.8	200	4,000	-	-	-	-	-	450MMH104□**
	0.12	10.0	6.5	12.0	7.5	5.0/7.5	0.8	200	4,000	-	-	-	-	-	450MMH124□**
	0.15	10.0	7.0	12.0	7.5	5.0/7.5	0.8	200	4,000	-	-	-	-	-	450MMH154□**
	0.18	13.0	6.5	12.0	10.0	5.0/7.5/10.0	0.8	200	3,000	-	-	-	-	-	450MMH184□**
	0.22	13.0	6.5	11.5	10.0	5.0/7.5/10.0	0.8	200	3,000	-	-	-	-	-	450MMH224□**
	0.27	13.0	6.5	13.5	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MMH274□**
	0.33	13.0	7.0	14.0	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MMH334□**
	0.39	13.0	8.0	15.0	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MMH394□**
	0.47	13.0	9.0	16.0	10.0	5.0/7.5/10.0	0.8	100	1,000	-	-	-	-	-	450MMH474□**
	0.56	13.0	10.0	17.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MMH564□**
	0.68	13.0	11.0	17.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MMH684□**
	0.82	13.0	12.0	18.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MMH824□**
	1	13.0	13.0	19.5	10.0	5.0/7.5/10.0	1.0	200	1,000	-	-	-	-	-	450MMH105□**
	1.2	13.0	14.5	21.5	10.0	5.0/7.5/10.0	1.0	200	800	-	-	-	-	-	450MMH125□**
	1.5	18.0	11.5	19.5	15.0	7.5/10.0/15.0	1.0	200	800	-	-	-	-	-	450MMH155□**
	1.8	18.0	12.5	21.5	15.0	7.5/10.0/15.0	1.0	200	800	-	-	-	-	-	450MMH185□**
	2.2	18.0	14.0	22.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MMH225□**
	2.7	18.0	15.5	24.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MMH275□**
	3.3	18.0	17.0	27.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MMH335□**
	3.9	18.0	19.0	29.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MMH395□**
	4.7	18.0	20.5	30.5	15.0	7.5/10.0/15.0	1.0	100	400	-	-	-	-	-	450MMH475□**
500 VDC	0.47	13.0	10.5	19.0	10.0	5.0/7.5/10.0	0.8	100	1,000	-	-	-	-	-	500MMH474□**
	0.56	13.0	11.0	21.0	10.0	5.0/7.5/10.0	0.8	100	1,000	-	-	-	-	-	500MMH564□**
	0.68	13.0	12.0	22.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	500MMH684□**
	0.82	13.0	13.0	23.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	500MMH824□**
	1	13.0	15.0	25.0	10.0	5.0/7.5/10.0	1.0	200	800	-	-	-	-	-	500MMH105□**
	1.2	13.0	16.0	25.5	10.0	5.0/7.5/10.0	1.0	200	800	-	-	-	-	-	500MMH125□**
	1.5	18.0	13.5	23.5	15.0	7.5/10.0/15.0	1.0	200	800	-	-	-	-	-	500MMH155□**
	1.8	18.0	15.0	25.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	500MMH185□**
	2.2	18.0	17.0	26.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	500MMH225□**