

**MMH SERIES**
**NEW**
**◆FEATURES**

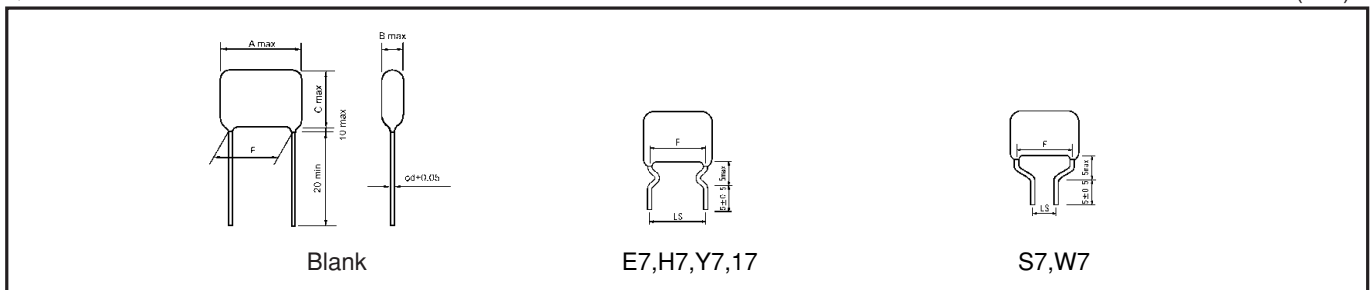
- Small and high current.
- Reliability is excellent because these capacitors provide self-healing and the construction of safety protection.
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- Ideal for active filter circuit, etc.
- RoHS compliance.


**◆SPECIFICATIONS**

Category temperature	-40°C ~ +105°C Derate the voltage as shown in the Fig2 at P204 when using the capacitor beyond 85°C.)
Rated voltage (U <sub>R</sub> )	450VDC
Capacitance tolerance	±5%(J), ±10%(K)
tan δ	0.01max at 1kHz
Voltage proof	U <sub>R</sub> ×150% 60s
Insulation resistance	0.33 μF ≥ :15000MΩ min 0.33 μF < :5000Ω Fmin
Reference standard	JIS C 5101-2, JIS C 5101-1

**◆OUTLINE**

(mm)


**◆PART NUMBER**


Symbol	U <sub>R</sub>
450	450VDC

Symbol	Tolerance
J	± 5%
K	± 10%

Symbol	Lead style	Symbol	Lead style
Blank	Long lead type	S7	Lead forming cut LS=5.0
E7	Lead forming cut LS=7.5	W7	Lead forming cut LS=7.5
H7	Lead forming cut LS=10.0		
Y7	Lead forming cut LS=15.0		
77	Lead forming cut LS=20.0		

### ◆ DIMENSIONS AND QUANTITY

◆ RATED VOLTAGE : 450VDC

Part No.	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)							
								Long Lead type		Taping Ammo pack type - style					
		A	B	C	F±1.0	LS±0.5	d	Bag	Carton	A TC	B, D TX, TH	C TL, TJ	E TN	S TS	
450MMH104□**	0.1	10.0	6.0	11.0	7.5	5.0/7.5	0.8	200	4,000	—	—	—	—	—	
450MMH124□**	0.12	10.0	6.5	12.0	7.5	5.0/7.5	0.8	200	4,000	—	—	—	—	—	
450MMH154□**	0.15	10.0	7.0	12.0	7.5	5.0/7.5	0.8	200	4,000	—	—	—	—	—	
450MMH184□**	0.18	13.0	6.5	12.0	10.0	5.0/7.5/10.0	0.8	200	3,000	—	—	—	—	—	
450MMH224□**	0.22	13.0	6.5	11.5	10.0	5.0/7.5/10.0	0.8	200	3,000	—	—	—	—	—	
450MMH274□**	0.27	13.0	6.5	13.5	10.0	5.0/7.5/10.0	0.8	100	2,000	—	—	—	—	—	
450MMH334□**	0.33	13.0	7.0	14.0	10.0	5.0/7.5/10.0	0.8	100	2,000	—	—	—	—	—	
450MMH394□**	0.39	13.0	8.0	15.0	10.0	5.0/7.5/10.0	0.8	100	2,000	—	—	—	—	—	
450MMH474□**	0.47	13.0	9.0	16.0	10.0	5.0/7.5/10.0	0.8	100	1,000	—	—	—	—	—	
450MMH564□**	0.56	13.0	10.0	17.0	10.0	5.0/7.5/10.0	0.8	200	1,000	—	—	—	—	—	
450MMH684□**	0.68	13.0	11.0	17.5	10.0	5.0/7.5/10.0	0.8	200	1,000	—	—	—	—	—	
450MMH824□**	0.82	13.0	12.0	18.5	10.0	5.0/7.5/10.0	0.8	200	1,000	—	—	—	—	—	
450MMH105□**	1.0	13.0	13.0	19.5	10.0	5.0/7.5/10.0	1.0	200	1,000	—	—	—	—	—	
450MMH125□**	1.2	13.0	14.5	21.5	10.0	5.0/7.5/10.0	1.0	200	800	—	—	—	—	—	
450MMH155□**	1.5	18.0	11.5	19.5	15.0	7.5/10.0/15.0	1.0	200	800	—	—	—	—	—	
450MMH185□**	1.8	18.0	12.5	21.5	15.0	7.5/10.0/15.0	1.0	200	800	—	—	—	—	—	
450MMH225□**	2.2	18.0	14.0	22.5	15.0	7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	
450MMH275□**	2.7	18.0	15.5	24.0	15.0	7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	
450MMH335□**	3.3	18.0	17.0	27.5	15.0	7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	
450MMH395□**	3.9	18.0	19.0	29.0	15.0	7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	
450MMH475□**	4.7	18.0	20.5	30.5	15.0	7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	

□ : Tolerance (J:±5%, K:±10%)      \*\* : Suffix

### ◆ PERMISSIBLE CURRENT FOR FREQUENCY

