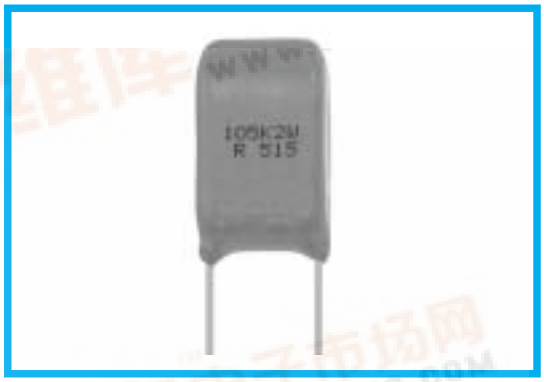
MMH SERIES

NEW



◆FEATURES

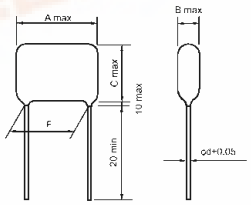
- Small and high current.
- Reliability is excellent becanse these capacitors provide self-healing and the contruction of safety protection.
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- Ideal for active filter circuit, etc.
- RoHS compliance.

◆SPECIFICATIONS

Category temperature	−40℃～+105℃ Derate the voltage as shown in the Fig2 at P204 when using the capacitor beyond 85℃.)
Rated voltage (U_R)	450VDC
Capacitance tolerance	±5%(J), ±10%(K)
tan δ	0.01max at 1kHz
Voltage proof	U_R×150% 60s
Insulation resistance	0.33 μF≧:15000MΩmin 0.33 μF＜:5000ΩFmin
Reference standard	JIS C 5101-2, JIS C 5101-1

◆OUTLINE

(mm)



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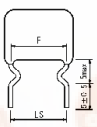
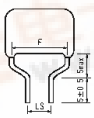


E7,H7,Y7,17



S7,W7

◆PART NUMBER

450	MMH	□□□	□	□□□	□□
Rated Voltage	Series	Rated capacitance	Tolerance	Sub mark	Suffix

Symbol	U_R
450	450VDC

Symbol	Tolerance
J	± 5%
K	±10%

Symbol	Lead style
Blank	Long lead type
E7	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

Symbol	Lead style
S7	Lead forming cut LS=5.0
W7	Lead forming cut LS=7.5

◆DIMENTIONS 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