

MMW-HP SERIES
◆FEATURES

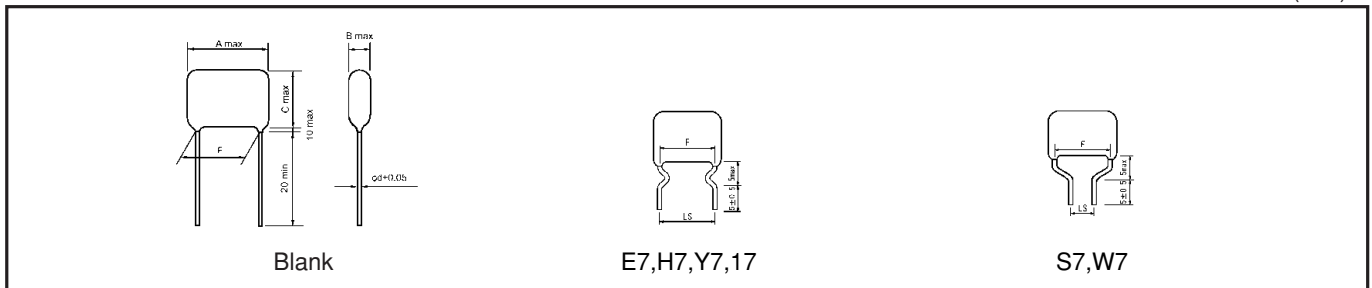
- High current by optimizing of manufacturing method.
- For applications where high frequency, high current are required. (Switching power supply, lighting inverter, etc)
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- RoHS compliance.


◆SPECIFICATIONS

Category temperature	-40°C ~ +105°C (Derate the voltage as shown in the Fig2 at P204 when using the capacitor beyond 85°C.)
Rated voltage (U _R)	100VDC, 630VDC
Capacitance tolerance	±5%(J), ±10%(K)
tan δ	0.01max at 1kHz
Voltage proof	U _R × 150% 60s
Insulation resistance	0.33 μF ≥ : 9000MΩ min 0.33 μF < : 3000Ω Fmin
Reference standard	JIS C 5101-2, JIS C 5101-1

◆OUTLINE

(mm)


◆PART NUMBER

□□□	MMW	□□□	□	HP	□□
Rated Voltage	Series	Rated capacitance	Tolerance	Sub mark	Suffix

Symbol	U _R
100	100VDC
630	630VDC

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		
17	Lead forming cut LS=22.5		

◆ DIMENSIONS AND QUANTITY
◆ RATED VOLTAGE : 100VDC

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	
100MMW475□HP**	4.7	19.0	11.5	22.5	15.0	5.0/7.5/15.0	1.0	200	1,000	—	—	—	—	—	
100MMW565□HP**	5.6	19.0	12.5	23.5	15.0	5.0/7.5/15.0	1.0	200	800	—	—	—	—	—	
100MMW685□HP**	6.8	19.0	14.0	25.0	15.0	5.0/7.5/15.0	1.0	100	800	—	—	—	—	—	
100MMW825□HP**	8.2	19.0	15.5	26.5	15.0	5.0/7.5/15.0	1.0	100	800	—	—	—	—	—	
100MMW106□HP**	10	19.0	17.0	28.5	15.0	5.0/7.5/15.0	1.0	100	500	—	—	—	—	—	
100MMW126□HP**	12	26.5	14.5	26.0	22.5	22.5	1.0	100	500	—	—	—	—	—	
100MMW156□HP**	15	26.5	16.5	28.0	22.5	22.5	1.0	100	400	—	—	—	—	—	

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

◆ RATED VOLTAGE : 630VDC

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	
630MMW184□HP**	0.18	20.0	8.5	18.0	15.0	5.0/7.5/15.0	1.0	100	1,000	—	—	—	—	—	
630MMW224□HP**	0.22	20.0	9.0	19.0	15.0	5.0/7.5/15.0	1.0	200	1,000	—	—	—	—	—	
630MMW274□HP**	0.27	20.0	10.0	20.5	15.0	5.0/7.5/15.0	1.0	200	1,000	—	—	—	—	—	
630MMW334□HP**	0.33	20.0	11.0	21.5	15.0	5.0/7.5/15.0	1.0	200	1,000	—	—	—	—	—	
630MMW394□HP**	0.39	20.0	12.0	23.0	15.0	5.0/7.5/15.0	1.0	200	800	—	—	—	—	—	
630MMW474□HP**	0.47	20.0	13.0	24.0	15.0	5.0/7.5/15.0	1.0	200	800	—	—	—	—	—	
630MMW564□HP**	0.56	20.0	14.5	25.5	15.0	5.0/7.5/15.0	1.0	100	800	—	—	—	—	—	
630MMW684□HP**	0.68	20.0	16.0	27.0	15.0	5.0/7.5/15.0	1.0	100	500	—	—	—	—	—	
630MMW824□HP**	0.82	20.0	17.5	28.5	15.0	5.0/7.5/15.0	1.0	100	500	—	—	—	—	—	
630MMW105□HP**	1.0	20.0	19.5	30.5	15.0	5.0/7.5/15.0	1.0	50	400	—	—	—	—	—	

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

◆ PERMISSIBLE CURRENT FOR FREQUENCY
