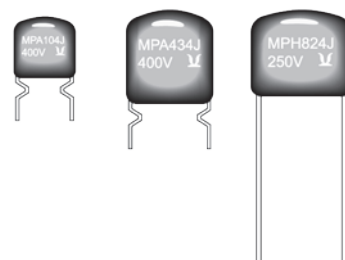


Metallized Polypropylene Film Capacitor (High Current Type)

MPH

金属化聚丙烯膜电容器(耐大电流型)

MPH & MPA are non-inductively wound with metallized polypropylene film as dielectric and electrode, and epoxy resin coating. They are suitable for applications where high current at high frequency and high stability are required. They are ideal for s-correction of color monitor circuit.



FEATURES

Specially designed for high-current and high-frequency applications.

Excellent low loss and small inherent temperature rise.

Self-healing properties.

Compact size.

SPECIFICATIONS

Operating Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.

Capacitance Range: $0.10\mu\text{F} \sim 1.5\mu\text{F}$.

Capacitance Tolerance: $\pm 2\%(\text{G}), \pm 5\%(\text{J}), \pm 10\%(\text{K})$.

Rated Voltage: 250VDC, 400VDC, 630VDC.

Dissipation Factor: 0.1% max. at 1KHz, 25°C .

Insulation Resistance: $>30,000 \text{ M}\Omega$ ($C \leq 0.33\mu\text{F}$).

$>10,000 \text{ M}\Omega \cdot \mu\text{F/C}$ ($C > 0.33\mu\text{F}$).

Dielectric Strength: 150% of rated voltage for 5 sec.

DIMENSIONS

MPH

Unit: mm

R.V. SIZE CAP (μF)	250 VDC					400 VDC					630 VDC				
	W max.	H max.	T max.	P ± 1.0	d(ϕ) ± 0.05	W max.	H max.	T max.	P ± 1.0	d(ϕ) ± 0.05	W max.	H max.	T max.	P ± 1.0	d(ϕ) ± 0.05
0.10	14.0	14.0	8.5	10.0	0.8	19.0	15.5	8.5	15.0	0.8	24.0	20.0	12.0	20.0	0.8
0.12	14.0	14.5	9.0	10.0	0.8	19.0	16.5	9.0	15.0	0.8	24.0	20.5	12.5	20.0	0.8
0.15	19.0	14.0	8.5	15.0	0.8	19.0	17.0	10.0	15.0	0.8	24.0	21.0	13.0	20.0	0.8
0.18	19.0	14.5	9.0	15.0	0.8	24.0	18.0	9.0	20.0	0.8	24.0	21.5	13.5	20.0	0.8
0.20	19.0	15.0	9.5	15.0	0.8	24.0	18.0	9.5	20.0	0.8	30.0	18.5	12.0	25.0	0.8
0.22	19.0	16.0	9.5	15.0	0.8	24.0	18.5	9.5	20.0	0.8	30.0	19.5	13.0	25.0	0.8
0.24	19.0	16.5	9.5	15.0	0.8	24.0	19.0	10.0	20.0	0.8	30.0	20.0	13.5	25.0	0.8
0.27	19.0	17.0	10.0	15.0	0.8	24.0	19.5	10.5	20.0	0.8	30.0	21.0	14.5	25.0	0.8
0.30	19.0	17.5	10.5	15.0	0.8	24.0	19.5	11.0	20.0	0.8	30.0	22.0	14.5	25.0	0.8
0.33	19.0	18.0	10.5	15.0	0.8	24.0	20.0	11.5	20.0	0.8	30.0	23.0	15.0	25.0	1.0
0.36	19.0	18.5	11.0	15.0	0.8	24.0	20.5	12.0	20.0	0.8	30.0	24.0	15.0	25.0	1.0
0.39	24.0	18.5	9.5	20.0	0.8	24.0	21.0	12.0	20.0	0.8	30.0	25.0	15.5	25.0	1.0
0.43	24.0	19.0	10.0	20.0	0.8	30.0	21.5	10.5	25.0	0.8	30.0	25.5	16.0	25.0	1.0
0.47	24.0	19.0	10.5	20.0	0.8	30.0	22.0	11.0	25.0	0.8	30.0	26.0	17.0	25.0	1.0
0.51	24.0	19.5	10.5	20.0	0.8	30.0	22.5	11.5	25.0	0.8	30.0	26.5	17.5	25.0	1.0
0.56	24.0	20.0	11.0	20.0	0.8	30.0	23.0	12.0	25.0	0.8	30.0	27.5	18.5	25.0	1.0
0.62	24.0	20.5	11.5	20.0	0.8	30.0	23.5	12.5	25.0	0.8	30.0	28.0	20.0	25.0	1.0
0.68	24.0	21.0	12.0	20.0	0.8	30.0	24.0	13.0	25.0	0.8	30.0	29.0	21.0	25.0	1.0
0.75	24.0	21.5	12.5	20.0	0.8	30.0	24.5	13.5	25.0	0.8	37.0	26.0	18.0	32.5	1.0
0.82	24.0	22.0	13.0	20.0	0.8	30.0	25.0	14.5	25.0	1.0	37.0	27.0	19.0	32.5	1.0
0.91	24.0	22.5	13.5	20.0	0.8	30.0	26.0	15.5	25.0	1.0	37.0	27.5	20.0	32.5	1.0
1.0	24.0	23.0	14.5	20.0	0.8	30.0	26.5	16.5	25.0	1.0	37.0	29.5	22.0	32.5	1.0
1.2	30.0	23.0	13.5	25.0	0.8										
1.5	30.0	24.5	15.0	25.0	0.8										

* Also available in encapsulated type (box type) as MPH8, and axial types as TMPH & FMPH

* For enquiry on items not within the above range or with special dimensions, please contact us for availability.

* Specifications are subject to change, please refer to approval sheets for final or mutually agreed specifications.