



# Film Capacitors

## Metallized polypropylene film capacitors (MKP)

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## Metallized polypropylene film capacitors (MKP)



The dielectric polypropylene (PP) exhibits high pulse handling capability and lower self-heating. The internal series connection enables high voltages up to 2000 V. Polypropylene provides better electrical properties than polyester.

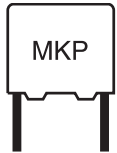
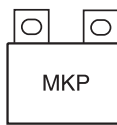
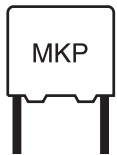
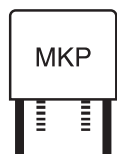
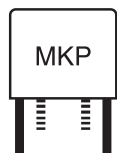
Operating temperatures are up to 110 °C for some series.

Polypropylene capacitors are preferred for critical electrical conditions in industrial, consumer and lighting applications.

## Metallized polypropylene film capacitors (MKP)

### Overview

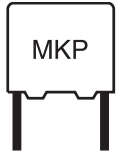
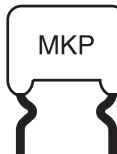
#### MKP capacitors

Terminals		Construction	Lead spacing mm	Series	Features	V <sub>R</sub> V DC	C <sub>R</sub> nF	Page
2 pins		Boxed (stacked)	7.5, 10	B32620, B32621	High pulse	160 ... 1000	0.47 ... 220	
		Boxed (wound)	10, 15, 22.5, 27.5, 37.5, 52.5	B32651 ... B32658	High pulse	250 ... 2000	1 ... 4700	
Strap		Boxed (wound)	37.5, 52.5	B32656S, B32658S	Snubber	850 ... 2000	68 ... 5 600	
2 pins		Boxed (wound)	10, 15	B32671L, B32672L	High V AC	160 ... 900 V AC	1 ... 1 000	
			10, 15, 22.5	B32671P ... B32673P	Power factor correction	450 ... 630	68 ... 2 200	
			10, 15, 22.5, 37.5	B32671Z ... B32676Z	Power factor correction	450 ... 630	10 ... 22 000	
2 pins, 4 pins, 12 pins		Boxed (wound)	27.5, 37.5, 52.5	B32674 ... B32678	DC link, high power	300 ... 875	470 ... 270 000	
				B32774 ... B32778	DC link, high density	450 ... 1300	1500 ... 480 000	
2 pins, 4 pins		Boxed (wound)	27.5, 37.5, 52.5	B32774H ... B32778H	DC link, humidity	450 ... 1300	1500 ... 120 000	
				B32774P ... B32778P	DC link, high temperature	630 ... 840	1000 ... 50 000	
				B32754 ... B32758	AC output filtering	250 ... 310 V AC	1000 ... 70 000	

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Terminals		Construction	Lead spacing mm	Series	Features	V <sub>R</sub> V DC	C <sub>R</sub> nF	Page
2 pins		Boxed (double-sided metallized wound)	10, 15, 22.5	B32641B ... B32643B	High pulse, high current	400 ... 2000	2.2 ... 560	
2 pins		Boxed (wound)	22.5, 27.5	B32613, B32614	High pulse	250 ... 2000	3.3 ... 2 200	