

Film Capacitors Selector Guide

Dielectric Construction	Series	Body Enclosure	Capacitance (mfd)	Tolerance (±%)	Rated Voltage
General Purpose Metallized Polypropylene	MPB MPD MPF MPT	Radial Box Radial Epoxy Dipped Axial Oval Wrap & Fill Axial Round Wrap & Fill	0.001~10.0 0.001~10.0 0.001~50.0 0.001~50.0	1~20	160VDC/100VAC, 250VDC/160VAC, 400VDC/220VAC, 630VDC/350VAC, 1000VDC/450VAC, 1250VDC/500VAC
High Current, High Pulse Operations Metallized Polypropylene	MPBM MPDM MPFM MPTM	Radial Box Radial Epoxy Dipped Axial Oval Wrap & Fill Axial Round Wrap & Fill	0.01~4.7 0.01~4.7 0.01~10.0 0.01~10.0	5~20	160VDC/100VAC, 250VDC/160VAC, 400VDC/220VAC, 630VDC/250VAC, 1000VDC/300VAC
Snubber Metallized Polypropylene	MPBX MPDX MPFX MPTX	Radial Box Radial Epoxy Dipped Axial Oval Wrap & Fill Axial Round Wrap & Fill	0.001~2.2 0.001~2.2 0.001~5.6 0.001~5.6	2~20	630V/400VAC, 850VDC/450VAC, 1000V/480VAC, 1250/500VAC, 1600V/600VAC, 2000V/630VAC, 3000V/750VAC
AC Applications Metallized Polypropylene	MPBA MPDA MPFA MPTA	Radial Box Radial Epoxy Dipped Axial Oval Wrap & Fill Axial Round Wrap & Fill	0.01~4.7 0.01~4.7 0.01~22.0 0.01~22.0	5~20	160VAC, 250VAC, 300VAC, 350VAC, 400VAC, 480VAC, 600VAC
Switching Metallized Polypropylene	MPBH MPDH MPFH MPTH	Radial Box Radial Epoxy Dipped Axial Oval Wrap & Fill Axial Round Wrap & Fill	0.01~10.0 0.01~10.0 0.47~50.0 0.47~50.0	5~20	250VDC/160VAC, 400VDC/250VAC, 600VDC/330VAC, 700VDC/400VAC, 850VDC/450VAC, 1250VDC/600VAC
Miniatures Metallized Polypropylene	MPDS	Radial Epoxy Dipped	0.001~0.22	1~20	160VDC/90VAC, 250VDC/160VAC, 400VDC/200VAC, 630VDC/220VAC
IGBT Snubber Metallized Polypropylene	HMPB	Radial Box	0.047~4.7	5~20	630VDC/400VAC, 1000VDC/500VAC, 1250VDC/500VAC, 1600VDC/600VAC, 2000VDC/630VAC, 3000VDC/750VAC
Low ESR Metallized Polypropylene	HMPF HMPT	Axial Oval Wrap & Fill Axial Round Wrap & Fill	1.0~50.0 1.0~50.0	5~20	100VDC, 200VDC, 400VDC
Polypropylene Film & Foil	PPB PPD PPF PPT	Radial Box Radial Epoxy Dipped Axial Oval Wrap & Fill Axial Round Wrap & Fill	0.0001~1.0 0.0001~1.0 0.001~2.2 0.0001~2.2	1~20	100VDC/63VAC, 160VDC/90VAC, 250VDC/130VAC, 400VDC/160VAC, 630VDC/220VAC, 1000VDC/250VAC
Miniatures Polypropylene Film & Foil	PPDS	Radial Epoxy Dipped	0.0001~0.47	1~20	63VDC, 100VDC, 250VDC, 400VDC

Snubber Polypropylene Foil	Film &	PPBX PPDX PPFX PPTX	Radial Box Radial Epoxy Dipped Axial Oval Wrap & Fill Axial Round Wrap & Fill	0.0001~0.47 0.0001~0.47 0.001~2.2 0.0001~2.2	1~20	400V/250VAC, 630V/300VAC, 850VDC/350VAC 1000V/400VAC, 1250V/450VAC, 1600V/500VAC 2000V/600VAC
IGBT Snubber Polypropylene Foil	Film &	HPPB	Radial Box	0.01~2.2	5-20	630VDC/300VAC, 1000VDC/400VAC, 1600VDC/500VAC 2000VDC/600VAC

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