

## MPC

### Metallized Polyester Film Capacitor (Axial and Oval)

Product

[MKP](#)

[RC](#)

[MEF](#)

[MET](#)

[MEA](#)

[MEC](#)

[MEM](#)

[MPP](#)

[MPT](#)

[MPA](#)

[MPC](#)

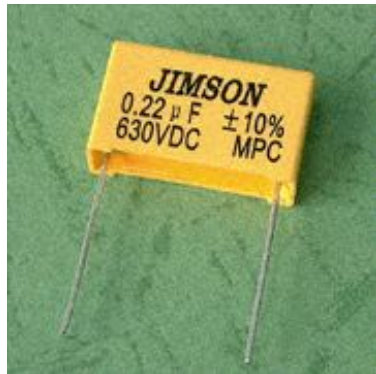
[PEI](#)

[PEN](#)

[PPN](#)

[PPS](#)

[MXY](#)



#### FEATURE

- Non-inductive construction and self-heal long
- High property moisture resistance
- Super physical and environmental characteristics

#### APPLICATION

- Filter and noise suppression circuit
- Pulse, logic and timing circuit
- DC-blocking, by-passing and signal coupling in general communication's equipment

#### TECHNOLOGY°

DIELECTRIC	Polypropylene film	
ELECTRODES	Vacuum evaporated metal or Aluminum foil	
COATING	Encapsulated in reinforced flame retardant plastic case sealed	
LEADS	Axial leads of tinned wire	
REFERENCE STANDARD	IEC 384-2 grade I	
CLIMATIC CATALOGUE	-40°C +85°C	
CAPACITANCE VERSUS RATED VOLTAGE (U <sub>R</sub> )	100VDC 0.01μF-6.8μF	250VDC 0.01μF-6.8μF
	400VDC 0.01μF-1.5μF	630VDC 0.01μF-1.0μF
CAPACITANCE TOLERANCE	M= ±20%	K= ±10% J= ±5%
DISSIPATION FACTOR	DF<0.10% (at 20°C 1KHZ)	
TANGENT OF LOSS	DF<0.10% (at 20°C 1KHZ)	
VOLTAGE PROOF	1.4*U <sub>R</sub> (1 minute at 20°C)	
	C <sub>i</sub> ≤ 0.33μF	
	C<0.10μF IR>30000MΩ	
INSULATION RESISTANCE	C<0.01μF IR>3000ΩF	
	(1 minute at 20°C and RH<65%)	
ENDURANCE	1000 hours with 125% of rated voltage at 85°C. After the test:	
	C/C<5% DF<0.04%	
	C<0.10μF, IR>15000ΩM	C>0.10μF, IR*C>1500ΩF (20°C 1KHZ)

