

## MPA

# Metallized Polyester Film Capacitor (Axial and Oval)



## FEATURE

- Non-inductive construction and self-heal long
- Low DF and high IR
- High capacitance value available and compact size

## APPLICATION

- Coupling decoupling by-passing and timing circuit
- Automatic control system, communication equipment
- Charging/discharging lighting noise suppression and frequency modulation

## TECHNOLOGY°

DIELECTRIC	Polypropylene film
ELECTRODES	Vacuum evaporated metal
COATING	Out wrapped with Mylar tape and ends sealed with epoxy resin
LEADS	Axial leads of tinned wire
REFERENCE STANDARD	IEC 384-2grade I
CLIMATIC CATALOGUE	-40°C +85°C
CAPACITANCE VERSUS RATED VOLTAGE( $U_R$ )	100VDC 0.01 $\mu$ F-6.8 $\mu$ F    250VDC 0.01 $\mu$ F-6.8 $\mu$ F 400VDC 0.01 $\mu$ F-1.5 $\mu$ F    630VDC 0.01 $\mu$ F-1.0 $\mu$ F
CAPACITANCE TOLERANCE	M= $\pm$ 20%    K= $\pm$ 10%    J= $\pm$ 5%
DISSIPATION FACTOR (TANGENT OF LOSS)	DF<0.10%    (at 20°C 1KHz)
VOLTAGE PROOF	1.4* $U_R$ (1 minute at 20°C) C<0.33 $\mu$ F C>0.33 $\mu$ F    IR>15000M $\Omega$
INSULATION RESISTANCE	C>0.33 $\mu$ F    IR*C>5000M $\Omega$ (1minute 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<0.33 $\mu$ F, IR>7500M $\Omega$ C>0.33 $\mu$ F,IR*C>2500M $\Omega$ (20°C 1KHz)

