

# Type MOTOR RUNNING CAPACITORS

Metallized Film Capacitor for Electrical Apparatus



## Type YMR (Terminal, Pin, Leadwire) P0, P2

YMR type capacitors are the highest quality impregnated metallized polyester / Polypropylene film capacitor intended to fill needs miniaturized, high quality AC capacitors up to and including 450 volt range.

Their low cost and high quality are achieved through the application of metallized paper capacitor techniques to these impregnated metallized polyester film capacitors.

In additions the standardization and full control of the automated manufacturing process from the winding to the test of final products.



## Specification

- ▶ Operating Temperature : -25°C to + 70°C/+85°C
- ▶ Rated Voltage : 220, 250, 300, 350, 400, 450 VAC
- ▶ Capacitance Range : 0.1μF ~ 25μF
- ▶ Tolerance : ±5(J), ±10(K) <sup>+10</sup>/<sub>-5</sub> (U)
- ▶ Test Voltage : Terminal to terminal → 1.75 × rated voltage, 10sec  
Terminal to case → 2 × rated voltage+1,000 VAC, (2,000VAC min)60sec
- ▶ Insulation Resistance : Terminal to terminal → not less than 1,000 ΩF.  
Terminal to case → not less than 2,000MΩ.
- ▶ Dissipation Factor : MPP 0,15% max, M-PET 1,5% max (at 20°C 60Hz)

## Outstanding Features

- ▶ Flame retardant
- ▶ Fully non-inductive
- ▶ Low power factor
- ▶ Self-healing in the event of the application in momentary overvoltage
- ▶ Non-Polar
- ▶ Single hole mounting
- ▶ High capacitance stability
- ▶ Low lamp coefficient

## Application

- ▶ Fans, Motor, Ventilator, Air-conditioners,
- ▶ Re-copying & Office machine,
- ▶ Electrical tools and Health-machine

## Performance Characteristics

