

# Datasheet

## Polypropylene Film Capacitor

RS Stock number [196-4674](#)

Dimensions: (mm)

### Specifications



Nominal Operating Voltage	440 V AC
Nominal Frequency	50/60Hz
Capacitance Range	1-30µF
Capacitance Tolerance	±10%
Operating Temperature Range	-25 °C to +85 °C
Climatic Category	25/85/21
Dissipation Factor (tan)	<0.0015 Typical at 1kHz
Test Voltages	See Below
Between Terminals	1.5 x Working Voltage
Termination to can	2000 V AC
Approvals	BS,EN ISO 9001-2008

### Description

- The can is produced from aluminium and encapsulated in a polyurethane flame retardant resin with a stud for base mounting
- The case is produced from a self – extinguishing plastic and encapsulated in a polyurethane flame retardant resin with a stud for base mounting
- RoHS and Reach Compliant

### Application

- These metallised Polypropylene capacitors are particularly suited for AC voltages
- This range of metallised polypropylene film capacitors offer excellent self healing properties
- They are designed for permanent connection in the auxiliary windings of single phase induction motors
- They are also suitable for use with star connected three phase motors operating on a single phase supply
- Typical conditions for this range of capacitors include domestic appliances