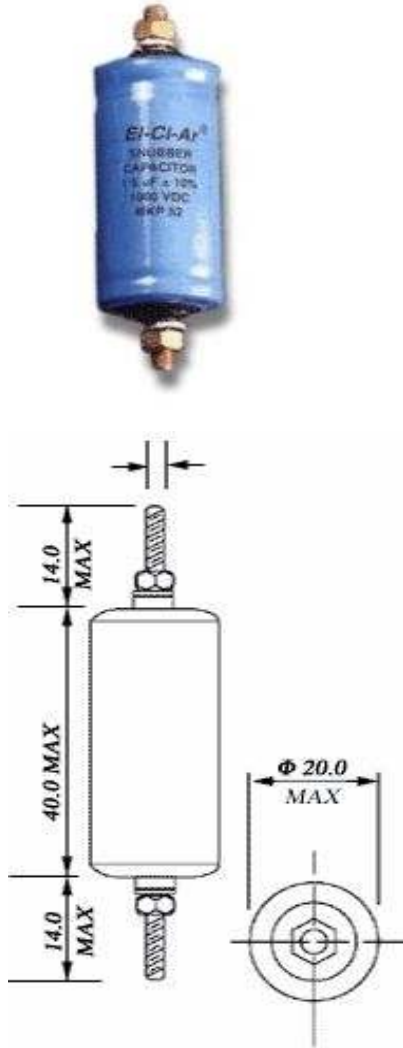


## MKP52

### Features

Oil Impregnated for Good Corona Resistance  
Dielectric - Polypropylene  
Electrode - Double Metallised Paper  
Coil - Non-inductively wound, mineral oil impregnated  
Leads - Brass stud  
Construction - Aluminium can + Blue PVC Sleeve,  
stud insert moulded plastic end caps  
Markings - El-Ci-Ar logo, Capacitance, Voltage, Type  
Tolerance +/- 10%, +/- 5%  
Dissipation Factor  $\leq 0.001$  at 1KHz at 25C (Typical Value 0.0004)  
Test Voltage b/w terminals  $2.5 \times (V_r=2000V, 3000V)$   
Test Voltage b/w terminal & case  $2 \times V_r$  for 60 sec  
Max Pulse Rise 500V/usec  
Temperature Range -25C to +85C  
Insulation Resistance  $\geq 25 \text{ G}\Omega$  for  $C \leq 0.33\mu\text{F}$  At 20C  
 $\geq 7500 \text{ sec}$  for  $C \geq 0.33\mu\text{F}$



### Available Values

Capacitance - 0.1  $\mu\text{F}$  to 2.2  $\mu\text{F}$   
Voltage - 600VDC to 2000VDC

### Applications

For snubber applications

For use as a snubbers in circuits designed with power semiconductors, these capacitors offer a self healing property. They employ polypropylene as dielectric and are designed with double metallic paper as electrodes. The end metallised coils are connected to outer threaded terminals through sturdy electrical jointing techniques to enable these capacitors to handle high currents.