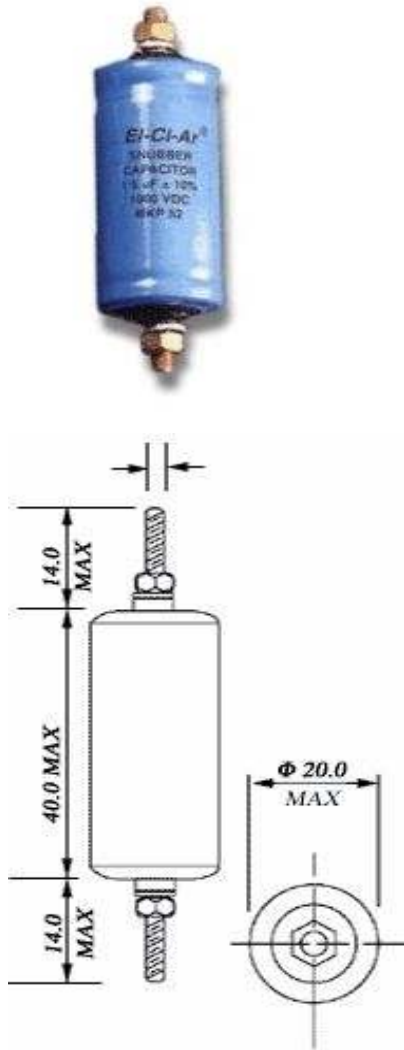


MKP52

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 ≤ 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 μF to 2.2 μF
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.