# LCR

## FP012 - Single Phase

These resistor capacitor suppressors are designed to reduce contact arcing where inductive loads are involved, thereby increasing the life of their contacts.

They may also be used for reducing dv/dt across
Thyristors or other solid state devices.

### CHARACTERISTICS

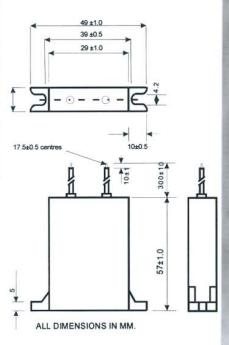
Capacitors:  $0.01 - 0.33 \mu F$ Capacitance Tolerance:  $\pm 10$  and 20%
Resistors:  $47-470 \text{ohm} \pm 30\% 6 \text{ watt}$ Operating Voltage: 500 V RMS (Max)Supply Frequency: 50 / 60 Hz

Operating Temperature :  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  Insulation Resistance :  $100 \text{ M}\Omega \text{ (500V)}$ 

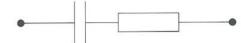
#### PEAK PULSE CONDITIONS

Peak to Peak Voltage : 1500 V (Max)
Repetition Frequency : 750 Hz (Max)





## CIRCUIT DIAGRAM



Other capacitor/Resistor values, case shapes and terminations are available.

Sales Office Tel: (01495) 307070

Fax: (01495) 306965

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Capacitors