

# MOTOR Capacitors, Inc.

## CH85 High Voltage Microwave Capacitors

- Capacitance from 0.10uF to 1.20uF
- Capacitance Tolerance  $\pm 3\%$
- Operating Voltages from 2100 to 3000 VAC
- Operating Temperature from  $-10^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- All cans are Oval-shaped
- Can size dimensions are available upon request



### GENERAL DESCRIPTION

CH85 high-voltage capacitors are designed to meet the mechanical, electrical, and performance requirements of microwave oven manufacturers. Our microwave capacitor can be used in microwave ovens to stabilize the magnetism charge tubes' current. CH85 high voltage capacitors are offered with a 3,000 VAC voltage rating. The high voltage capacitors are designed to operate over a broad temperature range from  $-10^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  with full rated 60 Hz. Standard terminations are quick-disconnect terminals.

### SPECIFICATIONS

#### OPERATING TEMPERATURE:

- $-10^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

#### OPERATING FREQUENCY:

- 50 / 60 Hz.

#### INSULATION RESISTANCE:

- 1,000 MegOhms minimum

#### DISSIPATION FACTOR:

- 0.35% maximum when measured at 60 Hz

#### TEST VOLTAGE (TERMINAL TO TERMINAL):

- 9,030 VDC for 60 seconds

#### TEST VOLTAGE (TERMINAL TO CASE):

- 9,000 VAC for 10 seconds

#### EXECUTING STANDARDS:

- IEC 61270-1:1996, GB/T 18939-1-2003

