

Mod® Oil Capacitors

Mod® Electronics Oil Caps are high quality, hand-crafted capacitors that are the perfect choice for guitars, amplifiers, and all audio equipment. Each capacitor is impregnated with mineral oil for a void-free winding providing highly stable capacitance.

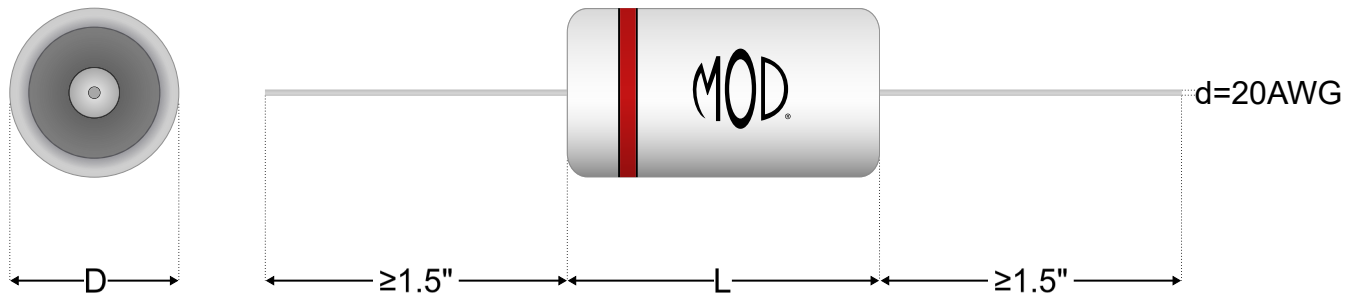
The capacitor is hermetically sealed in an aluminum casing to ensure a long life. The detailed construction results in a precise capacitance with a tolerance of $\pm 10\%$. Mod® Oil Caps also feature a red stripe to designate the outside foil.

- Features:
 - Hermetically Sealed Case
 - Mineral Oil Dielectric
 - 20AWG Lead Diameter
 - Axial Leads
 - Tolerance: $\pm 10\%$
 - Values: $.001 \mu\text{F}$ - $.1 \mu\text{F}$
 - Voltage Rating: 600V

- Applications:
 - Vacuum Tube Coupling
 - Tone Controls
 - Equalizers
 - Stomp Boxes
 - Audio Applications
 - General Purpose

Type	Axial Leaded Oil Filled
Available Capacitances	$.001 \mu\text{F}$ through $.1 \mu\text{F}$
Rated Voltage (DC)	600 V
Tolerance	$\pm 10\%$
Surge Voltage (DC)	1200 V for 1 minute
Operating Temperature	-20°C to $+80^{\circ}\text{C}$
Dielectric	Mineral Oil
Film Material	Polyester

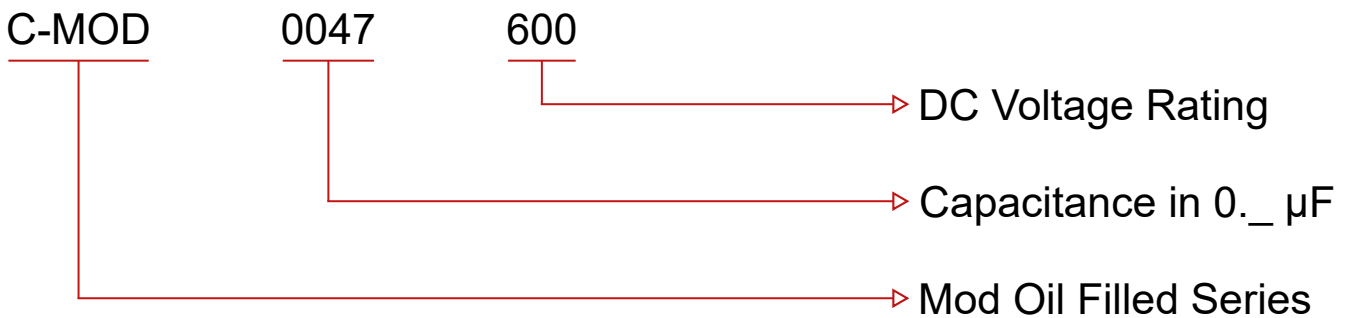




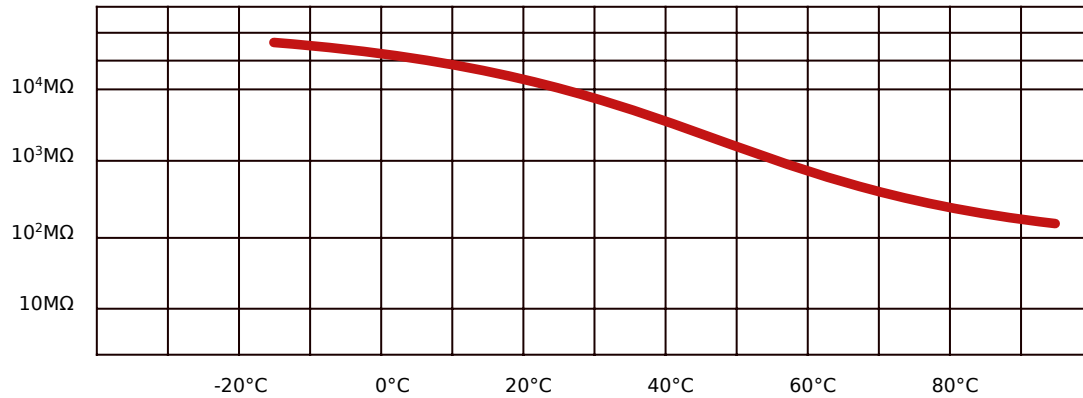
*drawing not to scale

Part Number	Capacitance	Diameter	Length
C-MOD001-600	0.001 μ F (1nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD0022-600	0.0022 μ F (2.2nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD0033-600	0.0033 μ F (3.3nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD0047-600	0.0047 μ F (4.7nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD01-600	0.01 μ F (10nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD022-600	0.022 μ F (22nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD033-600	0.033 μ F (33nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD047-600	0.047 μ F (47nF)	.47" (11.9mm)	.95" (24.1mm)
C-MOD1-600	0.1 μ F (100nF)	.71" (18.0mm)	1.24" (31.mm)

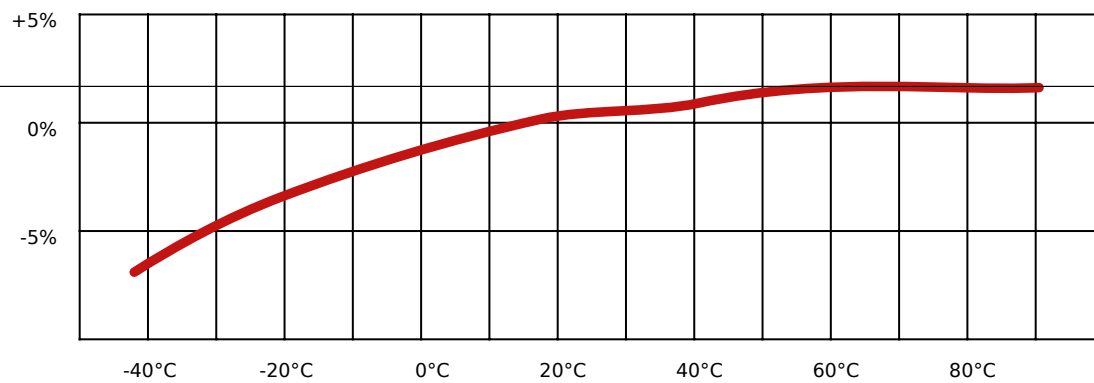
Part Number Information



Insulation Resistance vs Temperature



Change in Capacitance vs Temperature



Dissipation Factor (1kHz) vs Temperature

