



Arizona Capacitors, Inc.

Audio Capacitors

Paper & Polyester Dielectric, Oil Filled

Bulletin 1100.5 Type "C50309"

APPLICATION

Arizona Capacitors Audio Caps are used in high end crossover circuits, snubbing circuits, & filter applications for amplifiers.

DIELECTRIC

Arizona Capacitors uses the finest capacitor grade kraft paper and polyester available, combined with the purest impregnating fluids, this ensures outstanding performance and long life.

CASE

Case is an electro-tin plated brass tube with glass to metal compression endseals soft solder to the ends to ensure a complete hermetic seal.

CAPACITANCE

The standard capacitance tolerance is $\pm 10\%$, additional tolerances are available.

DISSIPATION FACTOR

Less than 1.0% when measured at 120 Hz using a GR 1658 or equivalent.

INSULATION RESISTANCE

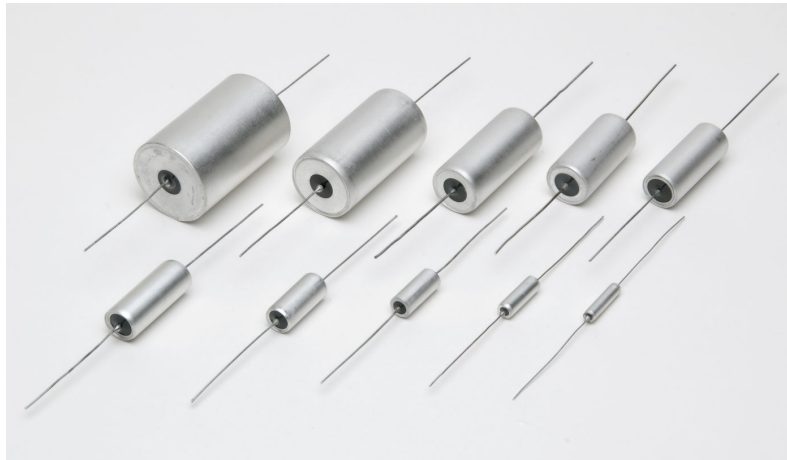
The product of insulation resistance in megohms and the capacitance in microfarads shall be 6000 megohm-microfarads minimum. However, I.R. need not exceed 18000 megohms.

VOLTAGE

Rated for 200 to 600 VDC up to 480 V 60 Hz. Other ratings are available, contact the factory. The part numbers in the table below are 600 VDC.

OPERATING TEMPERATURE RANGE

-55 to 85°C at full rated voltage



μF	VDC	Diameter	Length	Part Number
.01	600	.400"	.938"	C50309-6103K
.022	600	.400"	.938"	C50309-6223K
.047	600	.562"	1.188"	C50309-6473K
.10	600	.562"	1.750"	C50309-6104K
.22	600	.670"	1.875"	C50309-6224K
.33	600	.750"	2.250"	C50309-6334K
.47	600	.750"	2.375"	C50309-6474K

Leads are solid oxygen free copper, coated with 60/40 solder.

Case dia. .175 & .195 lead size 24 awg

Case dia. .235 & .312 lead size 22 awg

Case dia. .400 & up lead size 20 awg

