



# Arizona Capacitors, Inc.

## Audio Capacitors

Paper & Polyester Dielectric, Oil Filled

Bulletin 1100.6 Type "C50313"

### 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

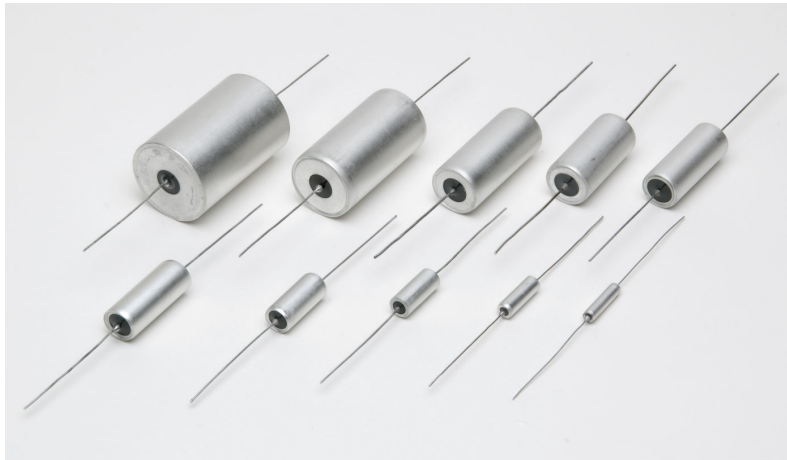
The product of insulation resistance in megohms and the capacitance in microfarads shall be 6000 megohm-microfarads minimum. However, I.R. need not exceed 18000 megohms.

### 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



$\mu\text{F}$	VDC	Diameter	Length	Part Number
.01	600	.400"	.875"	C50313-6103K
.022	600	.400"	.938"	C50313-6223K
.047	600	.500"	1.125"	C50313-6473K
.10	600	.562"	1.375"	C50313-6104K
.22	600	.670"	2.000"	C50313-6224K
.33	600	.750"	2.250"	C50313-6334K
.47	600	1.00"	2.250"	C50313-6474K

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

