

- Applications:
- Energy Storage
  - Power Factor Correction
  - Spark Suppression
  - Oscillator Circuits
  - Pulse Forming Networks
  - Rectifier Filters
  - RF Bypass
  - Audio Coupling
  - Integrating Circuits
  - Tuned Filters



### GENERAL DESCRIPTION

Type BAM capacitors offer superior electrical characteristics coupled with small size. They are conservatively designed for long life under harsh conditions. Winding and case design can be customized to the conditions of use, including ambient operating environment (oil, air, SF<sub>6</sub>, etc.), electrical environment (pulsed discharge, ac, ripple voltage and current, etc.)

Type BAM capacitors are normally housed in phenolic tubing with epoxy end seals and a threaded stud at each end for connections. Special housings are available in epoxy fiberglass, PVC, polycarbonate, and polysil (for outdoor applications). Threaded inserts and axial leads are also available.

### SPECIFICATIONS

Capacitance:	0.01 uF to 10 uF
Tolerance:	± 10 % standard (±5 %, ±2 %, and ±1 % available on request)
Rated Voltage:	5 to 200 KVdc
Temperature:	-20 °C to +85 °C
Dissipation Factor:	0.5% max. @25 °C / 60 Hz
Dielectric:	Kraft Paper and Polyester or Polypropylene Film
Impregnant:	Mineral Oil (Non-PCB)
Case:	Phenolic (other case tubing available upon request)
Terminals:	10-32 threaded studs at each end, standard
Finish:	Tube Wall with epoxy or metal ends
Mounting Position:	All type BAM capacitors will operate in any mounted position
Test Voltage:	1.5 times rated voltage for 10 seconds at room temperature