

Air Tubular Trimmers

◆ Attributes

Pros:

- High Q
- Finer Tuning/ Multi-Turn
- Medium size

Cons:

- Medium Capacitance Range
- Lower Voltage

◆ Applications

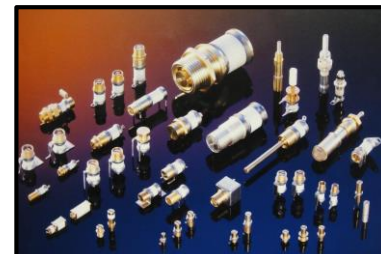
- L - C Filters
- Radio Transmitters and Receivers
- Quartz Oscillators
- Coils for NMR – Systems
- Impedance Matching

◆ Specifications

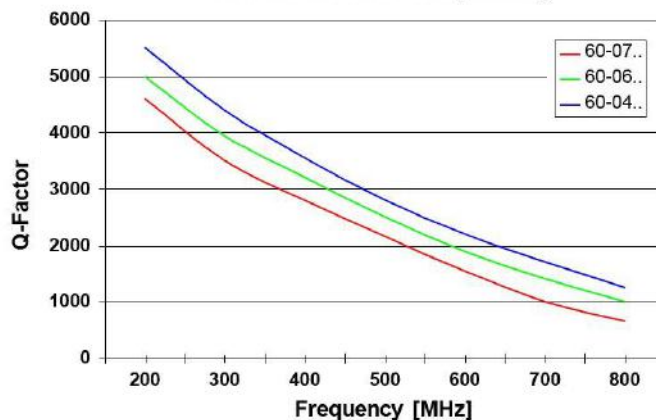
- Capacitance Range: 0.3pF to 30pF
- Q-Factor: > 5000 @ 200 MHz
- DC Working Voltage: 1.75kV
- DC Withstanding Voltage: 3.5kV
- Operating Temperature: - 65 °C to + 125 °C
- TCC (ppm/°C): 0 ± 50 to 65 ± 30 (model dependent)
- Insulation Resistance: >10 Mohm @ 500 VDC
- Vibration: 60g, 10-2000Hz
- Shock: 100g, 6msec.
- Resolution: High Resolution

◆ Available in Non-Magnetic – MRI/NMR

◆ Custom designs available



Q-Factor vs. Frequency



Capacitance vs. Self-Resonant Frequency

