



Variable Capacitors Air Tubular Trimmers

Part Attributes

- Finer Tuning/ Multi-Turn
- High Q
- Medium Size
- Lower Voltage
- Medium Capacitance Range

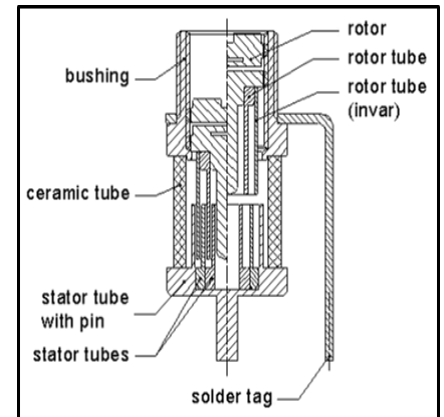
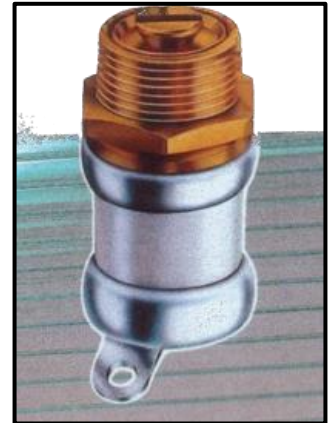
Product Applications

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

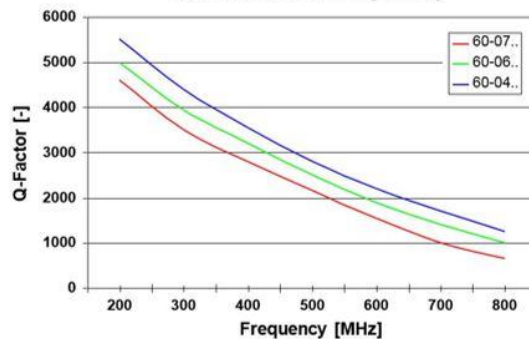


Product Specifications

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



Q-Factor vs. Frequency



Capacitance vs. Self-Resonant Frequency

