

Air Plate Trimmers

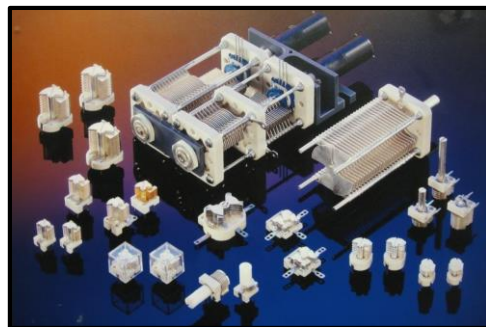
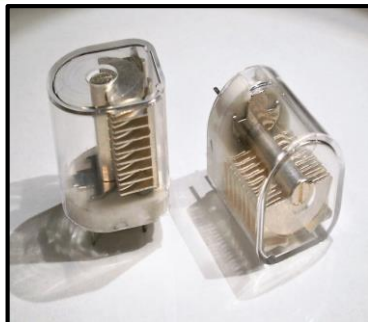
◆ Attributes

Pros:

- Wide Capacitance Range
- Highest Q
- Higher Voltage

Cons:

- Large Size
- Open Construction



◆ Applications

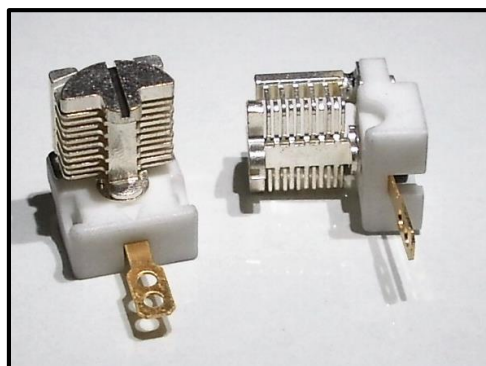
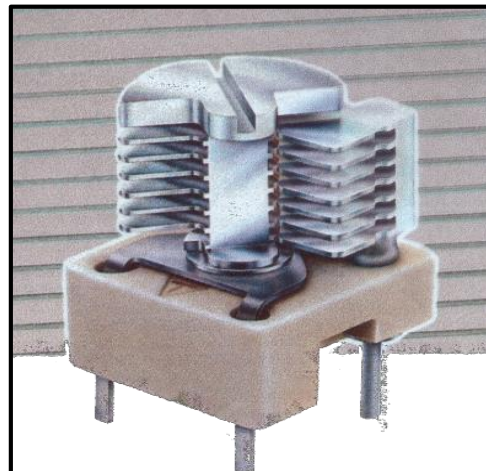
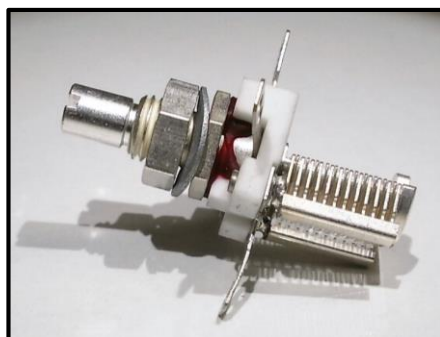
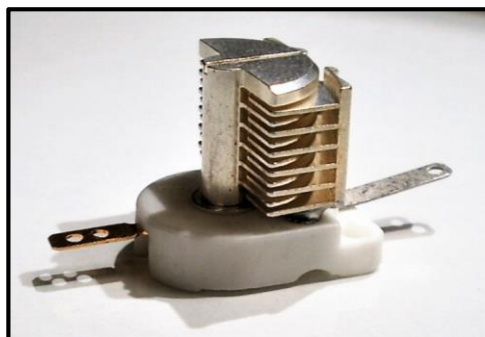
- L - C Filters
- Radio Transmitters and Receivers
- Quartz Oscillators
- Coils for NMR – Systems
- Low Noise Amplifiers

◆ Specifications

- Capacitance Range: 1pF to 146pF (select models up to 200pF)
- Q-Factor: > 1500 @ 200 MHz/ 8000 @ 1 MHz
- DC Working Voltage: 3.25kV
- DC Withstanding Voltage: 6.5kV
- Operating Temperature: - 65 °C to + 125 °C
- TCC (ppm/°C): 30 ± 20 to 90 ± 40 (model dependent)
- Insulation Resistance: >10 Mohm @ 500 VDC
- Vibration: 60g, 10-2000Hz
- Shock: 100g, 6msec.
- Resolution: 180° Resolution

◆ Available in Non-Magnetic --MRI/ NMR

◆ Custom designs available



Typical Construction Example

