

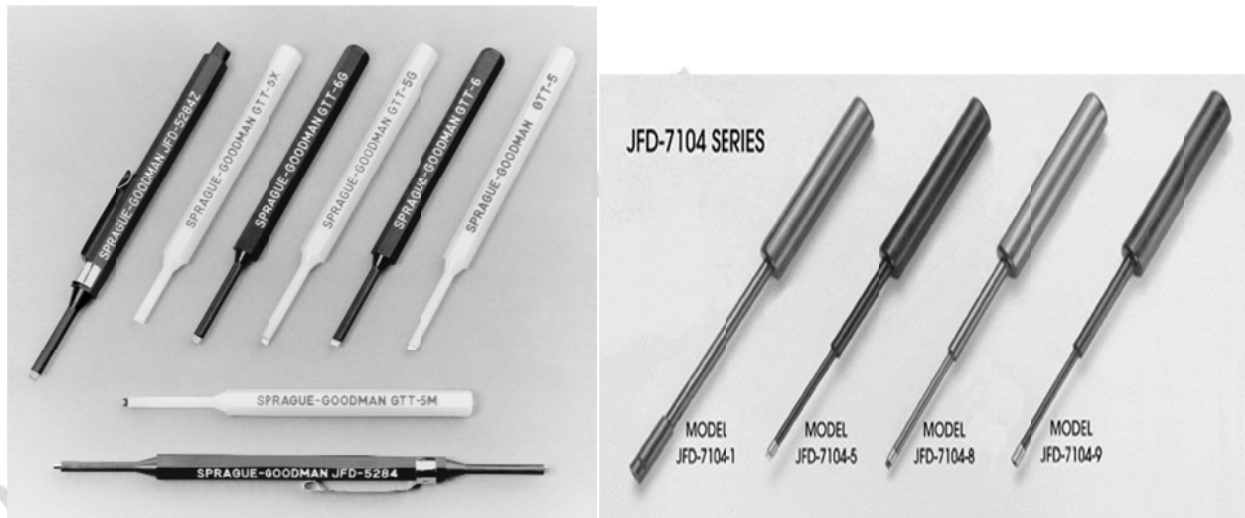


Tuning tools, trimmer capacitors, & circuit elements

Product Category A

- Glass and quartz PISTONCAP® : PISTONCAP® Precision Trimmer Capacitors are approved to Military Specification MIL-C-14409D

- Insulated tuning tools :



- Sapphire PISTONCAP® Trimmer capacitors : **APPLICATIONS**

- Stable oscillators
- Frequency multipliers
- Filters
- Tuning cavities
- Coupling, etc.

- Mica Trimmer Capacitors : **FEATURES**

- Very large capacitance ranges
- High Q
- Good RF current handling capability
- Many forms and mounting styles

- Multi-turn & Single-Turn AIRTRIM® :

AIR DIELECTRIC TRIMMER CAPACITORS

APPLICATIONS

Designed for VHF, UHF and microwave applications: amplifiers, oscillators, filters, radar, cable TV, mobile radios and RF appliances. Suitable for military and aerospace environments.

- Microwave Tuning Elements :

- [Metallic Tuning Elements](#)
- [Dielectric Tuning Elements](#)
- [Tuning Rotors](#)
- [Dielectric Resonator Tuners](#)
- [LC Tuning Elements](#)
- [Resistive Tuning Elements](#)

- LC tuners and inductors :

The JFD LC tuner line combines in a single unit a precision piston trimmer with a fixed metalized inductor providing a stable compact tunable series resonant LC circuit.

The tank circuit line offers the precision piston trimmer with a parallel mounted coil for parallel resonance tuning. Fixed and variable metalized inductors on low-loss glass offer the ultimate in inductor simplicity and extreme stability.



Product Category B

- Ceramic dielectric trimmer capacitors- Plastic multi-turn trimmer capacitors :

FEATURES

- Sealed for washability
- Low mounting profile.
- Carrier and reel packaging standard.
- NPO temperature coefficient (up to 10 pF max).
- Self resonant frequency above 1 GHz

- SURFCOIL® inductors and transformers :

FEATURES

- Lead free, ROHS Compliant
- High Q
- High self-resonant frequency including nonmagnetic models in microwave range
- Shielded series use ferrite filled encapsulation to reduce external magnetic coupling
- Low DC resistance
- Carrier and reel packaging is standard

- FILMTRIM® Dielectric capacitors:

APPLICATIONS

- Mobile Radios
- Transmitters
- Pagers
- Instruments
- Electronic Games
- Wireless Security and Fire Alarms
- CATV

Six Dielectrics:

- High temperature PTFE
- Standard PTFE
- Polypropylene
- Polyimide
- Polycarbonate
- Polyphenyl sulfide

- Varactor Diodes : **APPLICATIONS**

- TCXOs, VCXOs
- Low voltage wireless open loop VCOs
- Low voltage wireless phase locked loop VCOs
- Phase shifters

