Dielectric Varactor

Tecdia’s SMT analog varactors, made with unique voltage controlled dielectrics, are designed for controlling impedance inside analog phase shifters operational up to 100GHz.

- Low ESR
- High Linearity
- Microsecond Switching Speed
- 0V Capacitance of 0.1pF or more
- 0201 SMT Solderable Form Factor

Applications
- Tunable Phase Shifters
- Tunable Matching Networks
- Tunable Filters
- Tunable Matching Networks
- Beamforming
- Voltage Controlled Oscillators

Final Markets
- 5G Backhaul and Small Cell 24GHz – 86GHz
- Low Earth Orbit 26 – 40GHz
- Radar 3GHz – 6GHz & 8GHz – 12GHz

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