



Evans GROUP

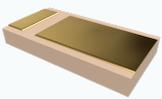
EULEX

RF Ceramic

Eulex pioneered an embedded-electrode RF capacitor architecture that delivers an order-of-magnitude increase in capacitance density with ultralow parasitics. The result is broadband, ultra-low-loss, high-power performance across decades of frequency—ideal for DC blocking, decoupling, and impedance matching. The technology is compatible with standard surface-mount assembly processes, improving reliability, simplifying manufacturing, and reducing (or eliminating) tuning.

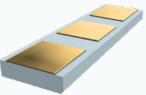
Applications

- AI data centers & high-speed compute architecture
- Advanced broadband and RF systems
- Automotive, mmWave radar, vision sensing, C-V2X
- Military & aerospace: radar, satcom & EW
- Optical transceivers & photonics modules
- Test & Measurement



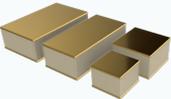
XG1 Series - Binary

- 20x capacitance
- Wire-bondable
- Additional Capacitor on Device
- Configurable Design



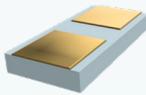
XG3 Series - 3 Terminal Gap

- Ultra-thin, single layer design minimizes ESL
- Optimized for high-frequency, ultra-stable performance
- Eliminates wire bonding
- Combines SLC-like high frequency with very low mounting inductance improving bypassing/filtering/ noise suppression results
- Surface-mountable package



XV Series - Vertical Layer

- Miniature Form Factor (1515–5080)
- Wire-bondable, Au Terminations
- Class II (-55°C to 125°C) X7R
- Ideal for decoupling bare die



XG2 Series - 2 Terminal Gap

- Low insertion loss with ultra-high self-resonant frequencies
- Ultra-stable, high-Q materials with extremely high self-resonance
- Useful capacitance values far exceeding other manufacturers
- Mountable across the microstrip to eliminate bond-wire inductance
- Supports key RF functions including DC Blocking, RF bypass, impedance matching, filtering, tuning and coupling



Substrates

- High Purity Alumina
- High Q dielectrics
- AlN with Exceptional Thermal Conductivity
- Thin Film Metalization (Au, TaN, AuSn)
- Custom size and shape



XQ Series - Ultra-High Q

- Size 01005 through 1111
- 0.1pF to 1000pF
- 6.3V–1500V
- NPO dielectric ($\pm 30\text{ppm}/^\circ\text{C}$)

Evans GROUP Trusted Brands. Single Source. Hi-Rel Capacitors for Mission Critical Systems.

Uniting four industry leaders—Evans, Paktron, UTC, and Eulex—Evans Group delivers the industry's most specialized and comprehensive capacitor portfolio. Together, we provide power-dense, high-reliability solutions engineered for mission-critical environments across defense, aerospace, energy, and advanced RF systems.

Eulex
718 Monterey Pass Rd.
Monterey Park, CA 91754

+1 323.266.6603
eulex@evans-group.com
www.evans-group.com/eulex

©2026 Evans Group