Ultra-high frequency capacitors

What are Murata high frequency ceramic capacitors?
These Murata High-Frequency Ceramic Capacitors feature low power consumption for mobile telecommunications,the GQM and GJM capacitors come with copper electrodes that allow for ultra-low ESR,high Q in the GHz frequencies,and high RF current handling capability.

What is a high-Q multilayer capacitor?
Contact factory for info. Johanson Technology's High-Q Multilayer Capacitors are designed for optimal RF performance. Ideal for high-frequency applications, offering low loss and high efficiency.

Which high-frequency ceramic capacitor is best for high power RF design?
The GQM/GJMhigh-frequency ceramic capacitors are the best choice for high performance and high power RF designs requiring voltages up to 500V DC. These capacitors offer EIA sizes 0201,0402,0603,0805,and the 1111 size with a capacitance range of 0.1pF to 100pF.

What applications can a capacitor be used for?
Capacitor for automotive applications such as power train and safety equipment. For the detail of specific applications,please refer to the following links or specification sheets. 1. High Q and Low ESR were achieved at a "high frequency," which is ideal for matching applications.

What is a low dissipation capacitor?
By devising ceramic materials and electrode materials, low dissipation is achieved in frequency bands of VHF, UHF and microwave or beyond. This capacitor is designed so that the parasitic inductance component (ESL) that the capacitor has on the high frequency side becomes lower.

Which series of capacitors are ROHS-compliant?
Murata has the solution to meet these demands by offering three series of RoHS-compliant capacitors with C0G characteristics: the GJM,GQM,and ERB series. GJM-Series: The Murata GJM-series is a high-Q,ultra-small capacitor series for high-frequency applications in the 500 MHz to 10 GHz range,suitable for VCO and PA module applications.

High Frequency, Ceramic, Capacitors manufactured by Vishay, a global leader for semiconductors and passive electronic components.

MLCC RF power, high frequency capacitors for RF instruments, lasers and similar applications Highest quality and reliability, suitable for safety-critical industries Dissipation factor under 5.10 ...

The prosperity of microelectronics has intensified the requirement for miniaturized power systems using capacitors with high capacity and broad frequency ranges.

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This is a High Q capacitor for V2X, ADAS, and automotive communication applications which conform to AEC-Q200. The self-resonant frequency of 5.9 ...

However, high parasitic inductance limits the application of these capacitors in ultra-high frequency domain. Thus, Multlayer Ceramic Capacitors (MLCCs) are placed close to ...

Celem is the world"s leading developer and producer of high power capacitors for induction heating and for wireless power transfer applications. ... Ultra-High Frequency. Ultra-high ...

Introducing ATC"s New WL Series High Frequency Wire Wound Chip Inductors. WL Series Wirewound Chip Inductors; 506 WLC Ultra-Broadband Inductors; 506 WLS Ultra-Broadband ...

The CP 30/75 mica conduction-cooled capacitor is a compact solution providing 75kVAr at ultra-high frequencies (up to 100MHz) and high ambient temperatures (up to 150°C). The CP 30/75 ...

Standard applications: Induction heating, heat treatment, plasma applications, resonant circuits, medical imaging, wireless power transfer, EV (electric vehicle) charging, IPT, high frequency inverters,etc. Features: Polypropylene ...

The CP 100/150 mica conduction-cooled capacitor offers up to 150kVAr at ultra-high frequencies (up to 100MHz) and high ambient temperatures (up to 150°C). Please note that for applications ...

Ultra thin, low ESL and high frequency performance of . high density silicon capacitors . Catherine Bunel*, Franck Murray. IPDIA, CAEN, France . Phone: +33(0)760726338 *corresponding ...

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