

Ultra-high precision standard capacitors

A range of MLC chip capacitors in Ultra stable EIL Class I C0G/NP0, dielectric with special testing for long term reliability. They are designed for optimum reliability; burned in at elevated voltage and temperature, and 100% physically and electrically inspected to ascertain conformance to strict performance criteria. Units may be tested in accordance with MIL-PRF-55681, MIL-PRF ...

Excellent temperature resistance, high volume/capacitance ratio, electrical properties and reliability make Exxelia's ceramic capacitors ideal for a wide range of fields of application including medical implants, aircraft flight controls, switched-mode power supply in harsh environments, core samplers for petroleum exploration, and space ...

standard product is lead (Pb)-free and RoHS compliant, but terminations containing lead are available oNew technology surface mount capacitor based on a special semiconductor process oConstruction reduces the parasitic inductance and brings the SRF values to ultra-high frequencies oCapacitance is extremely stable in a wide range of frequencies from 1 MHz to ...

Circuit protection, power magnetics and supercapacitor electronic components designed for automotive applications. Eaton supercapacitors, or ultracapacitors, are unique, ultra-high capacitance devices with an electric, double-layer capacitor (EDLC) construction combined with new, high-performance materials.

Surface Mount Multilayer Ceramic Chip Capacitors for Ultra High Q Commodity Applications FEATURES o Ultra stable class 1 dielectric o Ultra High Q and low ESR at high frequency o Four standard sizes o High SRF characteristic o Ultra low capacitance to 0.1 pF o High precision capacitance tolerance ± 0.05 pF o Supplied in tape on reel

Find Ultra High Capacitors related suppliers, manufacturers, products and specifications on GlobalSpec - a trusted source of Ultra High Capacitors information.

capacitors (EDLCs) or ultracapacitors are electrochemical capacitors that have an unusually high energy density when compared to common capacitors, typically several orders of magnitude greater than a high-capacity electrolytic capacitor. The electric double-layer capacitor effect was first noticed in 1957 by General Electric engineers

Multilayer Ceramic Capacitor (MLCC) from Knowles Precision Devices. We provide SMD MLCCs for High Q, High Temperature, High Voltage applications alongside standard MLCCs.

Surface Mount Multilayer Ceramic Chip Capacitors for Ultra High Q Commodity Applications ...

Ultra-high precision standard capacitors

oNew technology surface mount capacitor based on a special semiconductor process oConstruction reduces the parasitic inductance and brings the SRF values to ultra-high frequencies oCapacitance is extremely stable in a wide range of frequencies from 1 MHz to several GHz oHigh Q and low ESR oTight tolerance to $\pm 1\%$ or 0.05 pF oUltra ...

From commercial thick-film & precision high voltage devices to bleeders, dividers and ultra high resistance values (100T or 1014?), products are supplied to key commercial & military standards. RoHS compliant Pb-free finish and SnPb finish are both available across most product families. Because of its ability to o EN60065 safety bleeders

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This paper proposes a 16-bit 6-channel high-voltage successive approximation register (SAR) ADC with an optimized 5 + 5 + 6 segmented capacitor array. The lower 10 bits of the capacitor array are all composed of unit capacitors without any calibration unit. Without calibration, the lower 10 bits of the capacitor array can ensure 10-bit conversion accuracy. ...

Ultra-high Stability Capacitor; 10 pF and 100 pF; More Info Datasheet Request a Quote. GenRad 1409 Series Standard Capacitor . Values 0.001 μF (100 nF) to 1000 μF ; Stability as good as $\pm 0.01\%$ /year; Two-to-five terminal configuration, depending on model; Calibration accredited to ISO-17025 included; 3 year warranty included; More Info Datasheet Request a Quote. ...

The IPDIA 935 silicon capacitor. Film capacitors. Film capacitors are often used in DC blocking, coupling, bypass, DC line filtering, power factor correction, and AC line filtering applications. There are a number ...

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Web: <https://doubletime.es>

