



APPLICATION SPECIFIC

NOVACAP excels at application specific ceramic capacitor solutions for unique applications. We possess a full machine shop that affords the customer with quick development times and lower NRE charges. We have extensive tooling and screens for a wide variety of sizes other than EIA and what is listed in this catalog. NOVACAP's R&D and Engineering Departments have extensive industry experience to provide a solution for your application. Please consult the factory with your specific requirements.

ARC PREVENTION CAPACITORS



NOVACAP has a proprietary coating process that can be applied to eliminate arcing in High Voltage capacitors in smaller case sizes.

(Patent # 6,627,509)

LOW ESL & ESR CAPACITORS



ESL & ESR capacitors (sizes 0612, 0810 and 1214) reduce current paths and resistance which lower ESR and ESL for improved performance in high speed de-coupling.

SPECIALTY FEED THRU CAPACITORS



Feed Thru/High Current units for pacemaker/defibrillator applications. These units provide signal conduits through openings while suppressing EMI and RFI interference.

Manufactured to customer SCD.

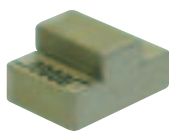
(Patent #'s 5,825,608 & 6,058,004)

MULTIPLE COMPONENT MODULES



NOVACAP can design and integrate various components to create a single unique multiple component module.

INTEGRATED BLEED RESISTOR ASSEMBLY

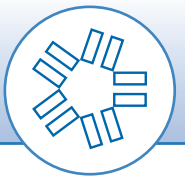


Screen-printing of bleed resistors on capacitors is available for safety in detonation circuits.

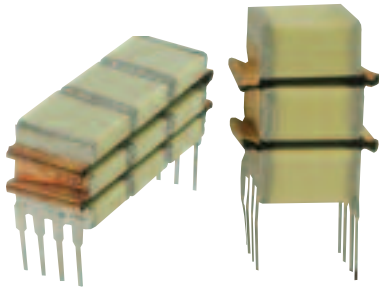
HIGH CAPACITANCE CAPACITOR ARRAY



Designed to maximize board space in building block modular form. Ideal for high capacitance energy storage and filtering.

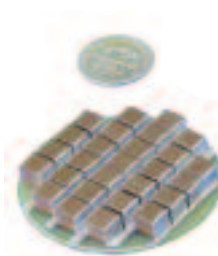


STRESS RELIEF CAPACITOR ASSEMBLIES



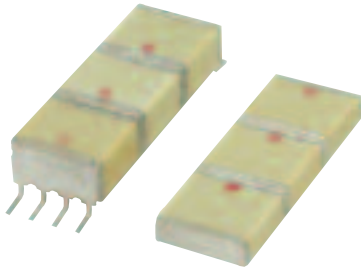
A flexible copper ribbon specially designed for stress relief in high current discharge circuits.

LOW PROFILE CAPACITOR ARRAY



Specifically designed to offer high capacitance value in modular form for single component installation.

CAPACITOR ASSEMBLIES



NOVACAP is capable of soldering capacitors in series, parallel, or series-parallel arrangements for custom capacitor applications.

FREE FORM CAPACITORS



The Free Form capacitor allows any size geometry and shape for utilization in custom fit applications.

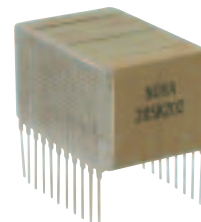
(Patent # 6,453,527)

VERTICAL MOUNT CAPACITOR



A vertical surface mount of a single large capacitor using specially designed and developed leads to allow for board space savings.

VERTICAL CAPACITOR ASSEMBLIES



NOVACAP is capable of stacking capacitors on the side for applications of limited height.