

# 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.

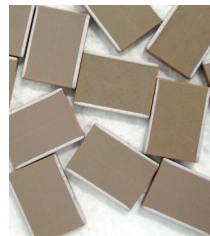
## ARC PREVENTION CAPACITORS



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



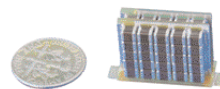
NOVACAP can design and integrate various components to create a single unique multiple component module.

## INTEGRATED BLEED RESISTOR ASSEMBLY

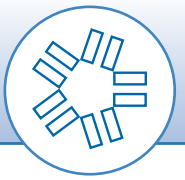


Screen-printing of bleed resistors on capacitors is available for safety in detonation circuits.

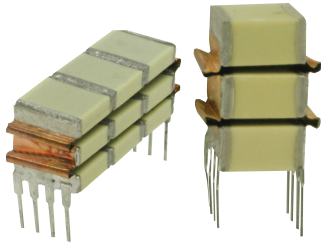
## HIGH CAPACITANCE CAPACITOR ARRAY



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

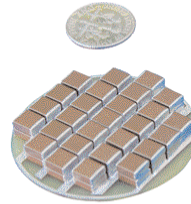


## STRESS RELIEF CAPACITOR ASSEMBLIES



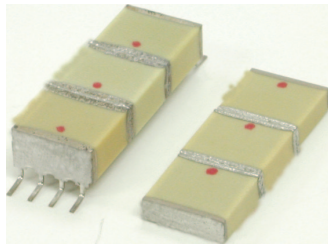
A flexible copper ribbon specially designed for stress relief in high current discharge circuits.

## 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.

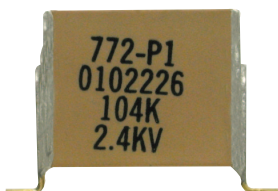
## FREE FORM CAPACITORS



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

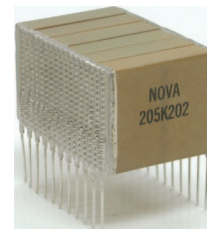
(Patent # 6,453,527)

## 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.