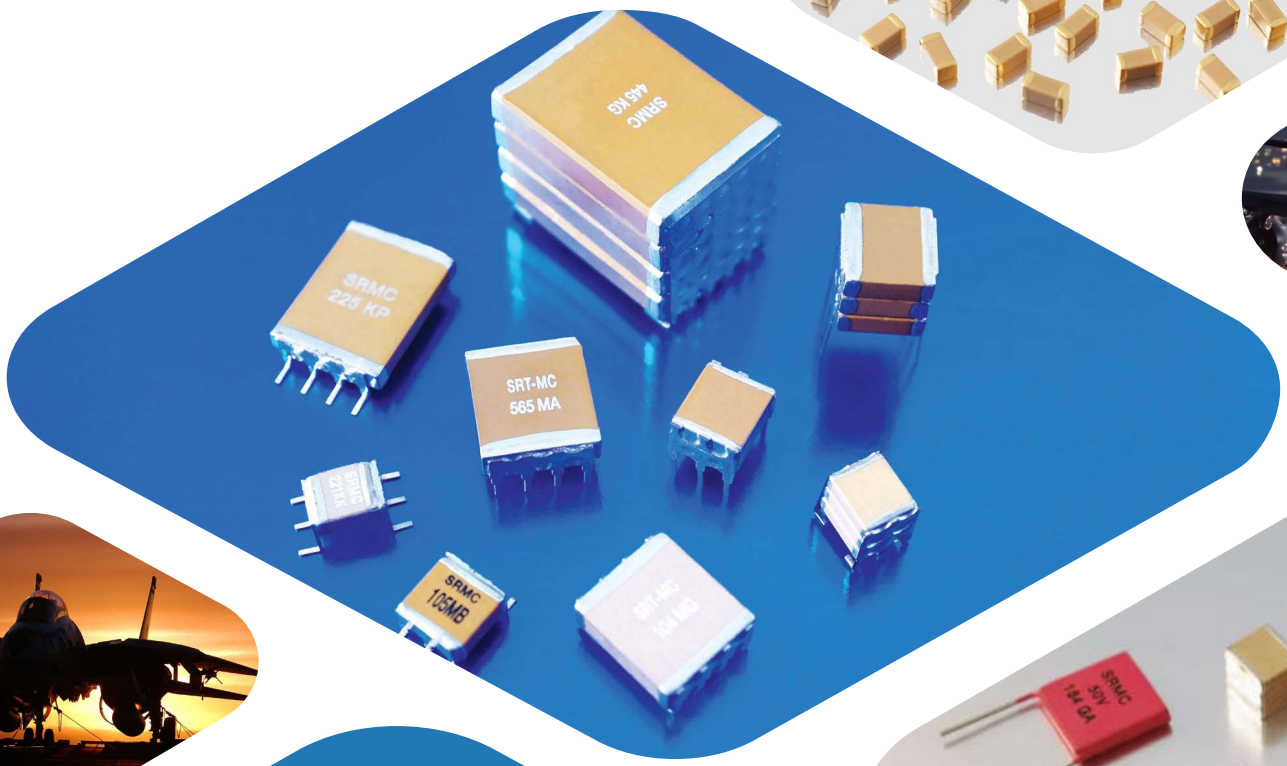
SRT
MICROCÉRAMIQUE
MLCC CAPACITORS

BREL
BREL International

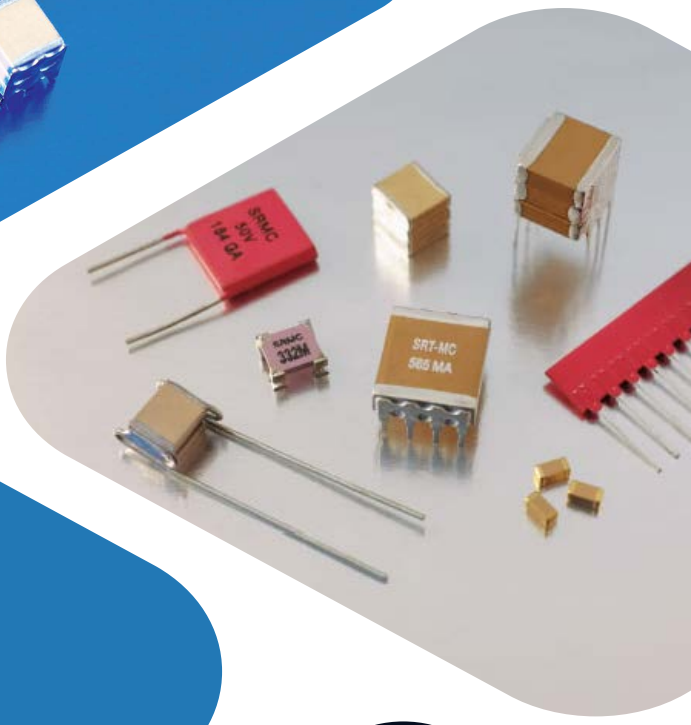












- MLCC, FILTERS, STACK, RADIAL
- STANDARD AND CUSTOM PRODUCTS
- HIGH VOLTAGE, FREQUENCY, PRECISION
- HIGH REACTIVITY, SHORT LEAD TIMES
- SERVICE PROVIDER
- COMPLETE PASSIVE & THERMAL SOLUTIONS
- MANUFACTURED IN FRANCE



BREL International

At our production facility in Vendôme we manufacture MLCC-Multilayer Ceramic Capacitors and filters in France. Established in 1982 in Vendôme by former Vishay-Vitramon employes, BREL/SRT-Microcéramque is one of the only two companies still producing MLCC in Europe. We are specialized in high value components, high voltage, high frequency, high precision, low ESL, non-magnetic components, precision filters.

Manufactured in Europe, short lead time guaanteed (4 to 8 weeks) No obsolecence

Applications of our products are Commercial Aerospace, Defense, Medical application both implementable and imaging, Space Level, Military Aircraft and Ground Based Systems, High Temperature (Geophysical and Gethermal), Pulse Discharge and High Repetition Rate and a variety of Commercial and Industrial applications.



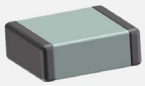



OUR PRODUCTS

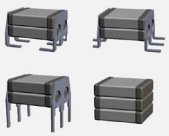
Range from MLCC-Multilayer Surface Mount Chip, to Stacked Radial leaded and vertical layers capacitors and filter in a variety of dielectrics and the full range of termination to suit your application. We can produce large or small production quantities.

Cross reference to most concurrent designs : Exxelia, Syfer, Kemet, Presidio...

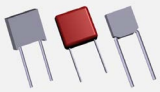
Due to our very flexible production we can guarantee the absence of obsolescence. Our highly qualified engineer team work in close cooperation with our customers to develop custom designs and variations for their specific need.



SMD
- 0402 -> 8060
- COG, X7R, High Q, HT
- Voltage : 16V -> 15KV
- Polymer option
- Sn, Au, AgPd term



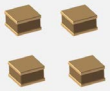
STACKS
- High power
- Low volume
- High reliability



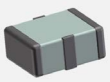
RADIALS
- Encapsulated
- Dipped
- Severe environment
- Historical design



NON MAGNETIC
- Cu-Sn termination
- All SMD available
- Medical application
- High Tesla



MICROELECTRONIC
- Vertical layer 0303
- Au termination for bonding
- 0202 single layer (2021)



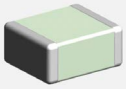
FILTERS
- EMI M2F MCF MPF series
- High precision
- Large currents



SPECIAL DESIGN
- Barcap capacitors
- Capacitors arrays
- Larges cases



CUSTOMS
- Very high tension 32K
- Any value
- Any size
- Any Voltage



SnPb/SAC
- Dipped or electrolytic
- Medical application
- Space application

SERVICES

Thanks to our cutting edge industrial equipment to produce MLCC we offer a large range of service to our partners : full silver-nickel/tin termination process of various electronic component, termination change to lead/silver for medical and space application, precision sorting and taping, testing and burn for high reliabilty needs.

TERMINATION	PRECISION SORTING	BURN IN/TESTING	TERMINATION CHANGE	TAPING	SOURCING
Various SMD components Medical, Space application	Up to 0,05%	High reliabilty test program	Ag/Pd Sn/Pb Cu/Sn SAC Medical, Space applications	We can put on reel any kind and any volume of components	Passive and active components from multiple source at best price

THEY TRUST US

Over the years, we developed close relationship with large international groups and high technology company, for which we provide unique service and custom products.

Our relationship is based on culture of trust, service and open communication.

MARKETS APPLICATIONS

AEROSPACE · INDUSTRIAL · MEDICAL · ENERGY · RAIL · SPACE · TELECOM · MILITARY

QUALITY AND CERTIFICATIONS

In order to ensure the highest reliability to our customers our quality process include a full traceability, 100% visual and electrical test and burn-in. For special requirement we can offer stringer qualification program including, vrt...

We follow internaly AECQ200 and MIL-STD-202 testing Brel-Microcérami-que is ISO-9001 since 2002. We are REACH and conflict of material compli-ant. Most of our products are ROHS certified.

ISO 9001 BUREAU VERITAS Certification · REACH · RoHS

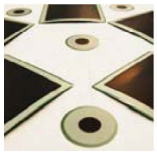
PASSIVE AND THERMAL SOLUTIONS

The SRT-MC/BREL distribution branch Milton Ross Composant, in addition to our own ceramic production can offer the full range (except tantalum) of capacitors (film, electrolytic) and resistors (thick film, thin film, wirebound) through our partnership with spe-cialized manufacturers (mainly European) offering the same high value product, high voltage, high precision, large values, custom products with always the shortest lead time.

MRC Milton Ross Composants · F&T FTCAP Fischer & Tauscher Capacitors · Ledanché Capacitors · Resistor Technology · RIEDON

INNOVATION : HYDROGEN FUEL

In addition to our constant R&D to improve and innovate in our MLCC discipline we are leveraging our unique ceramic process knowledge to develop in collaboration with the CEA an innovative ceramic fuel cell production line offering the highest performance of the market.



cea

nqa ISO 9001 QUALITY MANAGEMENT · ANAB ANSI National Accreditation Board ACCREDITED MANAGEMENT SYSTEMS CERTIFICATION BODY

BREL International

SRT-Microceramique
Vendome, France

www.brelintl.com



For any inquiry please contact our commercial engineer

Michael B Yonker
Phone: +1-941-758-7500
Fax: +1-941-758-7556
Email: sales@brelintl.com