

Multilayer Ceramic Capacitors

Knowles Capacitors (NOVACAP, SYFER)

Application Specific Capacitors

Ceramic Chip Capacitors

	HighCap	1.0 μ F to 100 μ F High Cap devices in the new X7R and X5R Series are packed in 0603, 0805, 1206, 1210, 1812 case sizes with a cap range
	HVCap	600V to 4KV - 1206, 1210, 1808, 1812, 1825, 2220, 2225 HV capacitors in COG and X7R are designed to meet the requirements of high voltage applications.
	SafeCap	LS1808, LS1812, ES2211, ES2215 X2Y3, X1Y2 250VAC rated Safety capacitors are designed for safety apps. EN60950, EN132400, IEC60314-14
	HV-Cap	3333, 3640, 4540, 5550, 7565 Large size capacitors with high capacitance and high voltage is a natural process toward combining Hicap/HiVolt up to 10KV
	FlexiCap	Novacap Flexicap ceramic chip capacitors were developed to provide improved resistance to the risk of mechanical stress and bending
	GoldCap	0402, 0603, 0805, 1206 - PCMCIA Hybrid Apps. High capacitance with gold plating is the preferred finish for conductive polymer attachment.
	HiTempCap +160°C	up to +160°C Ceramic chip capacitors developed for high temperature application. Available 0805, 1206 1210, 1812, 2225 in COG and HTX+160°C Class II.

Abbildungen sind ähnlich. Ausschlaggebend sind die Datenblätter

Bredemeier Electronics GmbH

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Application Specific Capacitors

New applications in the Industrial, Automotive and Military / Aerospace market are driving the development of special products

Ceramic Capacitors



LDCap

Standard capacitor with lead space 5.0, 7.5mm and RM 10mm. An epoxy coating is applied to protect the capacitor chip.



LECap

These capacitor have only one basis chip. Voltage available up to 15KV in COG, X7R Dielectric. The parts are marked.



FormCap

Ceramic capacitor for special application where space requires a special configuration. Key products for successful designs



Module

MultiCaps are increasingly in the mainstream of electronics. Enables the designer to use the min. space for a max.design criteria.



BoxCap

NOVACAP BoxCap is a great combination between ceramic capacitor attributes with the enhanced mechanical protection. (molded)

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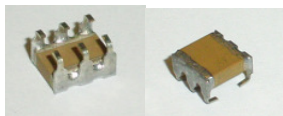
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Application Specific Capacitors

To meet the increasing demand for cost-effective solutions **NOVACAP** is offering a variety of high reliable parts

Stacked Ceramic Capacitors



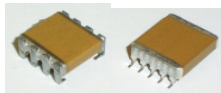
MiniStack

Preferred configuration ST1825, ST2225 J-leads allows the use of the same solder pad as SMD chip 1825, 2225.



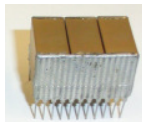
PECap

Pulse energy capacitors are designed to handle high pulse discharge application. Class I R2D dielectric is an improved option compared to COG



StackCap

Standard stacked capacitor up to 70 μ F. Voltage range 50V to 500V in X7R, COG dielectric. Available leads >J<, >L<, N< Straight



VCStack

Novacap developed a stacked capacitor based on a vertical configuration. Features: excellent performance, high voltage, high reliable



CapRack

Vertical stacked Capacitor. CapRack are characterized by high Capacitance in small volume. Footprint is greatly reduced

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Knowles Capacitors (NOVACAP, SYFER) Application Specific Capacitors

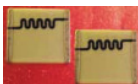
Increasing demand from OEMs for cost effective solutions for HT Application, Automotive/Avionics, HT Power Conversion, Lighting, Military, HT Remote Sensing, Emission Control, Geothermal Energy, Oil Exploration

High Temperature (HT) up to +200°C



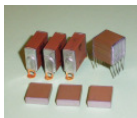
HiTempCap
+200°C

+200°C Ceramic chip capacitors developed for high temperature application. Available in COG and HTX+200°C Class II



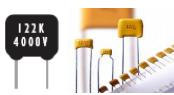
HTPulseCap
+200°C

+200°C High energy capacitors designed for pulse application. Class I dielectric offers excellent short duration pulse. Typically <100ns



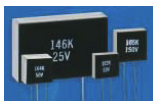
HTLCap
+200°C

+200°C large size capacitors with high capacitance and high voltage. Greatest capacitance per unit. Chip, stacked, leaded available



HTLECap
+160°C / +200°C

+160°C / +200°C leaded version with black + yellow epoxy coating for harsh environment and mission critical applications.



HTMCap
+200°C

+200°C molded capacitors where isolation and protection of the capacitor is required. Operational temperature -55°C to +200°C

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