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**ANAREN INTRODUCES NEW LINE OF HIGH-VOLTAGE RESISTORS**  
**(New components offer medical device manufacturers superior reliability**  
**and exceptional VCR/TCR performance.)**

Syracuse, NY, October 31, 2006 – Anaren, Inc. (NASDAQ: ANEN), a leader in wireless technology -- and a proven provider of resistive solutions for the wireless, space, defense, and medical segments – has announced the introduction of a new line of ultra-miniature, high-voltage (1KV) resistors for the implantable market. The new line was developed by, and is available through, the company's Salem, NH-based Anaren Ceramics unit.

Available in two package sizes with customizable resistance values, the new family of tiny, high-voltage resistors (HVRs) was specially designed for implantable devices such as defibrillators, where optimum reliability can literally be a matter of life and death.

"We've all heard the worst-case scenarios about component reliability in this sector," says Anaren Ceramic's Business Development Manager. "That's why, during development, we worked closely with several leading OEMs to fully appreciate and address the necessity for unflinching performance in defibrillators and other implantable devices." The resulting resistor line, says Connors, is well-informed by both the patient-care perspective *and* the business standpoint: "With direct input from the professionals who use life-critical devices, we've engineered, have fully

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documented, and are already shipping components that surpass today's requirements for TCR and VCR performance."

The new Anaren HVRs are also among the industry's smallest, offering medical-OEM designers two footprints measuring 0.130 x 0.065" and 0.070 x 0.030". "For their voltage-handling capabilities, these resistors are the smallest high-voltage resistors we know of," says Connors.

With customizable resistance values, other characteristics for the line are as follows:

<b>Part No.</b>	<b>Power handling (W)</b>	<b>Size (inches)</b>	<b>Voltage (V-DC)</b>	<b>TCR (PPM/°C)</b>	<b>VCR (PPM/V)</b>	<b>Resistance (Ω)</b>
A1K022M1Z5	0.25	0.070 x 0.030 x 0.012	1000	+/- 200	<75	22.1M
A1K010M0Z5	0.25	0.070 x 0.030 x 0.012	1000	+/- 200	<75	10M
A1000M1Z5	0.25	0.100 x 0.025 x 0.017	100	+/- 200	<75	100K
A1K06M0Y3	0.33	0.130 x 0.065 x 0.065	1000	+/- 100	<100	6M

The new Anaren HVRs are supported by comprehensive and robust reliability data, including field test reports, materials declarations, analysis and modeling, full-life tests, and application notes. To learn more about the new high-voltage resistor family, order sample components, or discuss a custom resistor need -- contact Rich Connors, Business Development Manager at Anaren Ceramics at contact at 603-898-2883 or [ceramics@anaren.com](mailto:ceramics@anaren.com).

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**ABOUT ANAREN:**

An innovation-driver in its market segment, Anaren, Inc. (NASDAQ: ANEN) designs, manufactures, and sells complex microwave signal distribution networks and components for the wireless communications, satellite communications, medical, optics, automotive, and defense electronics markets.

Anaren Ceramics, Inc. -- a unit of Anaren Inc. -- offers advanced, high- and low-frequency ceramic circuits, resistors, attenuators, more. LTCC capabilities; unique combination of ceramics and microwave engineering expertise; complete new 65,000 sq. ft. facility; CAD capabilities; automated printing and sawing; laser trimming; CO<sub>2</sub> laser machining; RF testing; tape and reel packaging; ISO-registered.

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