

New Product Announcement from ATC

ATC Offers Extended Voltage Ratings for 800C and 800E Multilayer Ceramic Capacitors

August 15, 2013, Huntington Station, NY ----- ATC, the leader in design and manufacture of high RF power MLC products, is pleased to announce that both the 800C and 800E NPO Ceramic High RF Power Multilayer Capacitors are now qualified and available with extended voltage ratings as follows:

- 800C, Capacitance Values 1000 to 2400 pF, formerly 500 WVDC is now 600 WVDC
- 800E, Capacitance Values 2400 pF to 5100 pF, formerly 1000 WVDC is now 2000 WVDC

These products were designed to provide superior high-voltage handling capability and excellent thermal performance for high RF power applications. The 800C and 800E feature a unique NPO low-loss rugged dielectric and a silver-rich electrode system. The combination of ATC's proprietary dielectric material and silver electrode formulations makes these products highly desirable for critical RF tuning applications covering 2.2 pF to 5100 pF.

ATC's 800C and 800E Series provide superior performance and reliability. These products are ideal for use in Medical (High Tesla MRI imaging coils), High HF/RF Power Applications, Antenna Tuning, and Matching Networks for Semiconductor Manufacturing (Plasma Chambers)

The 800C and 800E Series Advantage:

- Proprietary NPO Dielectric for Superior High Voltage Handling Characteristics
- Advanced Silver Electrode System for Ultra Low ESR and Superior Heat Transfer
- Excellent Reliability
- Improved Image Quality in MRI scanners
- Better Thermal Management in High RF Power applications
- Rugged High Voltage design

Datasheets for these products are now available on ATC's website as a printable pdf file.

The ATC 800 C Data Sheet is available at <https://www.atceramics.com/UserFiles/800c>

The ATC 800 E Data Sheet is available at <https://www.atceramics.com/UserFiles/800e>

Please contact ATC for additional technical and pricing information as well as product samples.

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