



Extended 715CxxKT Series of Ceramic Screw-Mounting Disc Capacitors With Voltages to 50 kV_{DC} (34 kV_{RMS})

Product Benefits:

- Voltages to 50 kV_{DC} (34 kV_{RMS})
- Low AC and DC coefficients
- Negligible piezoelectric / electrostrictive effect
- Available with diameters from 21 mm to 60 mm
- N4700 (T3M) Class 1, strontium-based ceramic dielectric in a molded epoxy case
- Low dissipation factor of 0.2 % at 1 kHz
- Wide range of capacitance values from 100 pF to 8 nF
- RoHS-compliant



Market Applications:

- High frequency coupling and decoupling, laser excitation, and fast-repetition pulse circuitry in high voltage power supplies, CO₂ lasers, and X-Ray and welding equipment, in which low losses and high permittivity are required

Buy It Now:

[Check distributor stock on the Vishay website](#)

The News:

Vishay Intertechnology announces that it has extended the Vishay Cera-Mite 715CxxKT series of ceramic screw-mounting disc capacitors with higher voltages to 50 kV_{DC} (34 kV_{RMS}).

- Specifically designed to function in circuits with high peak current and high repetition rates
- Can be used as a replacement for DH***** ultra high voltage AC and DC rated screw terminal type ceramic capacitors and DC***** high frequency power ceramic capacitors
 - Murata Manufacturing Co., Ltd. recently announced a last order date of March 31, 2020 for these parts

The Key Specifications:

- Capacitance range: 100 pF to 8 nF
- Voltage range: 10 kV_{DC} (7 kV_{RMS}) to 50 kV_{DC} (34 kV_{RMS})
- Diameters from 21 mm to 60 mm
- Dissipation factor of 0.2 % at 1 kHz

Availability:

Samples and production quantities of the extended 715CxxKT series capacitors are available now, with lead times of 12 weeks for large orders.

To access the product datasheet on the Vishay Website, go to <http://www.vishay.com/ppg?22210> (715C..KT...)



NEW PRODUCT INFORMATION

Product Group: Vishay Cera-Mite, Capacitors / January 2019



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