

CADDOCK

ELECTRONICS, INCORPORATED

• High Performance Film Resistors, Resistor Networks and Custom Resistive Devices •

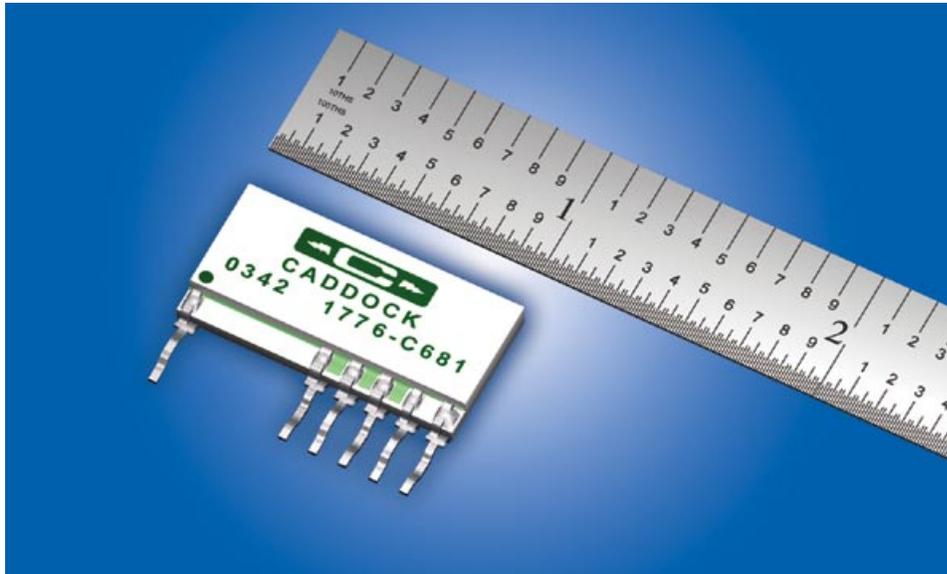
Introducing Caddock's NEW 1776 Decade Voltage Dividers Compact: 30% Smaller than Current Decade Voltage Dividers Lower Cost, Tighter Tolerance, Lower TC, and Lower VC

- **Voltage Division Ratio Temp. Coeff:** ± 5 or ± 10 ppm/ $^{\circ}\text{C}$ from -40°C to $+85^{\circ}\text{C}$, ref. to $+25^{\circ}\text{C}$
- **Voltage Division Ratio Tolerance:** 0.05% or 0.10%
- **Six Models with Voltage Ratings of 1200 Volts**

Caddock is pleased to announce the 1776-C67 and 1776-C68 Family of compact Decade Voltage Dividers. These new Decade Voltage Dividers are designed for Precision 3-1/2, 4-1/2, and 5-1/2 Digit Handheld and Benchtop Multimeters, Power Quality Meters, and devices where precision voltage division is required. Caddock's Precision Decade Voltage Dividers are manufactured with Caddock's Ultra-Stable, Low TC, Tetrinox® Film System. The Tetrinox® Film System provides for the exceptional Temperature Stability and outstanding Life Stability of these Precision Decade Voltage Dividers.

The Load Life Stability of Ratio of the 1776-C67 and 1776-C68 Family:
2,000 Hours at Full Rated Voltage at $+85^{\circ}\text{C}$, Ratio Stability $\pm 0.005\%$ max.

The Shelf Life Stability of Ratio of the 1776-C67 and 1776-C68 Family:
Six Months at Shelf Conditions, Ratio Stability $\pm 0.003\%$ max.



The Caddock 1776-C67 and 1776-C68 Precision Decade Voltage Dividers are available in two decade resistance configurations that are commonly used in high accuracy, precision analog metering designs, the total resistance is 10 Megohm. Typical applications include Benchtop and Portable Multimeters, Power Quality Meters, Panel Meters, and Precision Voltage Dividers with input voltages up to 1200 Volts.

- **Voltage Ratings:** 1200 Volts from -40°C to $+85^{\circ}\text{C}$
- **Ratio Tolerance:** 0.05% or 0.10%
- **Ratio TC:** 5 ppm/ $^{\circ}\text{C}$ or 10 ppm/ $^{\circ}\text{C}$ from -40°C to $+85^{\circ}\text{C}$ ref. to $+25^{\circ}\text{C}$
- **Loadlife Stability:** 2,000 hours at rated voltage at $+85^{\circ}\text{C}$, Ratio Stability 0.005% max.
- **Availability:** Available Now with Lead Times: Stock (Engineering Samples) to 6 weeks ARO

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