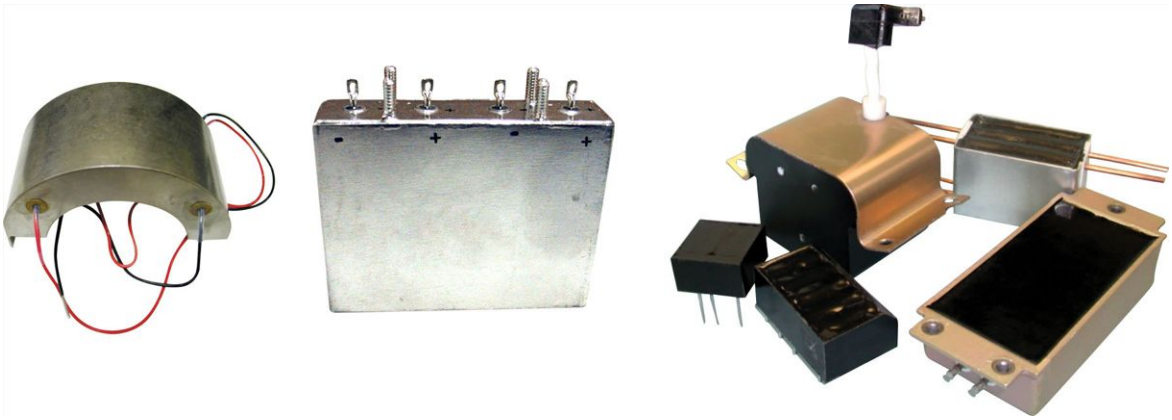
Custom Capabilities Wet Tantalum Assemblies and Arrays



CAPABILITIES

- Custom case and termination options
- High capacitance and / or high voltage options
- Single or dual ratings
- Dielectric options: Aluminum, Ceramic, Tantalum
- Standard tin / lead, 100 % tin, and high temperature "HMP" assembly process available

CONTACT INFORMATION
For design assistance, contact: tantalum@vishay.com
Design request form: www.vishay.com/doc?40213

CUSTOM DESIGN

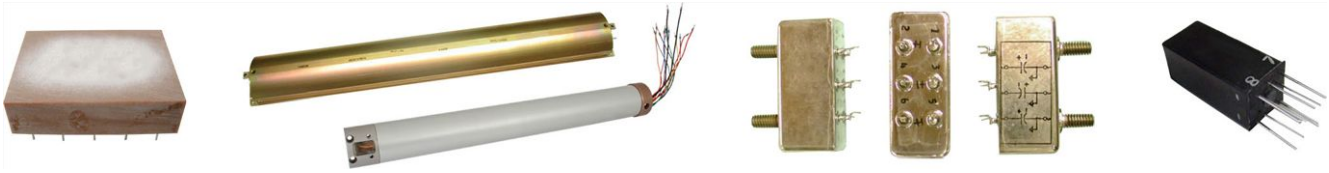
Custom designed capacitor assemblies are an important tool for circuit designers faced with extra high capacitance and / or voltage requirements not met by standard units. In most cases, Vishay capacitor assemblies employ internal sections of wet tantalum capacitors. However, an assembly may utilize solid tantalum, ceramics, and even aluminum internal sections, along with resistors and other components as needed to meet the electrical parameters and performance required. Dual or plural ratings are also available in a single assembly.

Vishay capacitor assemblies have been used in avionics, military and space applications for many years. They are also an important component for oil exploration equipment and other industrial applications.

The capacitor assembly may prove valuable in any application where there are high capacitance / voltage needs and critical space limitations exist, or multiple functions are required in one package.

Because tantalum capacitors can be designed to provide a wide range of parameters, they allow simplified circuit design and a lower cost solution. Reliability depends on the capacitor elements used, while cost reflects both capacitor type picked and quantity required.

ADDITIONAL CUSTOM EXAMPLES



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