



## Custom Capabilities Aluminum Electrolytic Capacitors



### CAPABILITIES

The aluminum electrolytic capacitor division can offer almost everything you need. In this document you'll find a few examples.

- Vibration resistivity
- Customized marking / sleeving
- Customized packing
- Keyed-polarity
- Special lead styles
- 4 pin and 6 pin SMD's
- Capacitor modules (integration of capacitor banks on carrier)

### CONTACT INFORMATION

For design assistance, contact: [aluminumcaps@vishay.com](mailto:aluminumcaps@vishay.com)

We will display our custom capabilities per form.

### RADIAL



For our radial products we can offer special lead styles (J-, L-, Z-, V-, T-lead). The J-lead for example can be used for inverse-polarity protection. Next to that we do offer 3-pin radials. The benefit of 3-pins is that you do not need any additional fixation and the parts can handle a higher vibration compared to conventional 2-pin solutions.

For the special lead styles we can offer customized tray packs and box packaging. This to prevent that the leads will bend during transport.

High vibration proofed versions with special case design are available in separate series (vibration proofed up to 50 g).





## AXIAL



For our axial products we can offer the special lead styles and customized packaging as well.

Next to that we can offer our axial products with the classic mounting ring as well:



## SCREW TERMINAL



For our screw terminal products customization is daily business. Due to the value of the parts most of our customers ask for solutions which fit 1:1 into their design.

A few examples are:

- non-standard capacity / voltage combinations
- longer life time products
- non-standard case sizes (in case you have a maximum diameter / length in your application)
- different treads / terminals (like M5-13 mm, M6-18 mm, or 1/4-28 UNF US tread)
- bar code labeling
- your own logo / text on the sleeve of the product
- keyed polarity terminals (inverse-polarity protection)

## SMD



For our SMD products we offer 4-pin and 6-pin SMD baseplates: no additional gluing necessary; higher vibration resistance compared to conventional 2-pin solutions; sizes up to 18 mm x 21 mm possible.

High vibration proofed versions with special case design are available in separate series (vibration proofed up to 30 g).

## SNAP-IN



For our snap-in products we can offer non-standard capacity / voltage combinations in the case size of your need. Next to that we can offer customized marking or sleeves. We offer next to the standard 2-pin also 3-pin and 4-pin parts.

One of the solutions we offer is a returnable stick packing for automatic insertion:





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