

Overview

The KEMET ALR series is our introduction of rectangular packaging in Aluminum Electrolytic Capacitors. These capacitors offer good volumetric efficiency in a shape that lends itself to stacking into modules and efficient heat-sinking. They have extremely long life and superior low temperature performance in a stainless steel case.



ALR81, 105°C

- Rated Life: 5,000 hours (Rated Voltage, Temperature, and Ripple Current)
- Operating Temperature: -55°C to 105°C
- High Vibration up to 80g with Anti-Vibration option

Series Options

- A** - Standard
- V** - Anti-Vibration*
- R** - High Reliability
- M** - Anti-Vibration + High Reliability*
- *Available on 45 mm width



ALR91, 125°C

- Rated Life: 5,000 hours (Rated Voltage & Rated Temperature)
- High Reliability: MIL-level burn-in is standard in the series
- 24,400 meter altitude capability
- Operating Temperature: -55°C to 125°C

Series Options

- R** - High Reliability (26 mm width)
- M** - Anti-Vibration + High Reliability (45mm width)

Rectangular Aluminum Electrolytic Capacitors

Characteristics

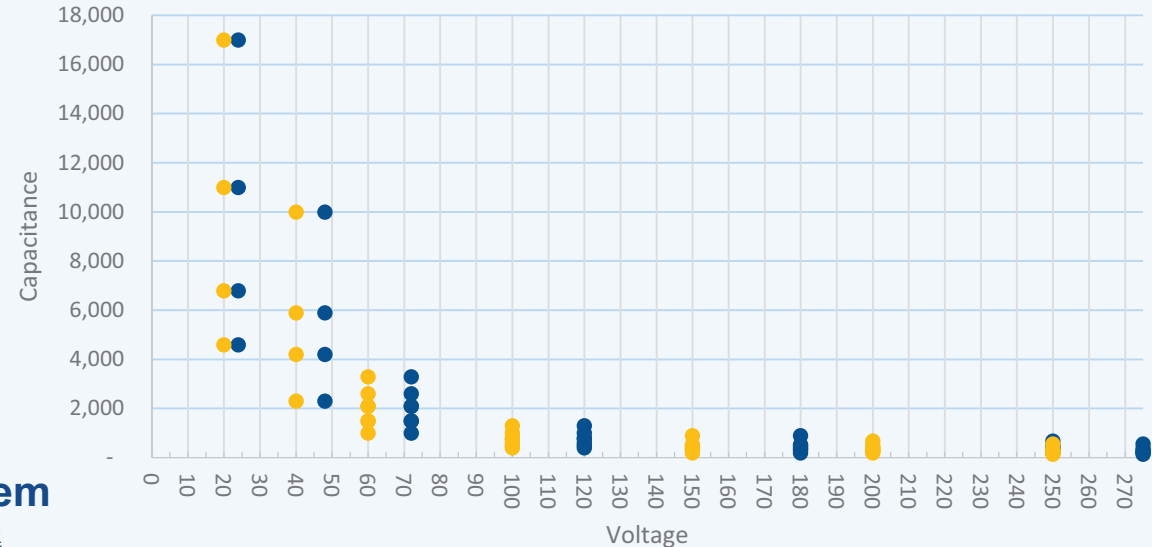
- Capacitance: 140 – 17,000 μ F
- Voltage Rating: 24 – 275 VDC (ALR81)
20 – 250 VDC (ALR91)
- Stainless Steel Case
- Polyester wrap for Insulation

Applications

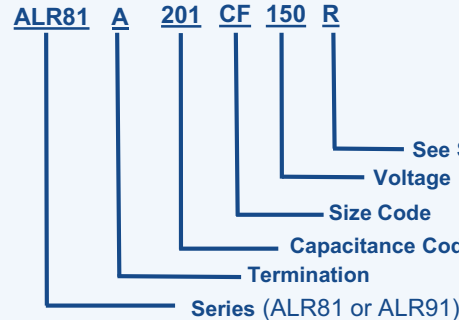
- Military
- Aerospace
- Communications
- High Reliability
- Bulk Capacitance
- Power Hold-Up

Voltage and Capacitance Offerings

- ALR81
- ALR91



Part Number System



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