

Overview

The KEMET ALR81 is the introduction of rectangular packaging in the Aluminum Electrolytic Capacitor product offering. Rated at 105°C, the ALR81 offers good volumetric efficiency in a shape that lends itself to stacking into modules. A robust series, the capacitor case is stainless steel.

The ALR81 is available to customers in the EMEA and Asian regions. Customers interested in partnering with KEMET to align region and performance requirements can [contact your local Sales Representative for more information.](#)

Applications

Ideally designed for applications needing bulk capacitance, less weight, lower profile, high vibration, burn-in reliability, or high altitude capability.

Benefits

- Rectangular shape for good volumetric efficiency and modular stacking
- Life, up to 5,000 hours at +105°C, rated voltage, and rated ripple current
- High vibration option up to 80 g
- No voltage derating is necessary
- Polyester wrap for insulation
- Halogen-free



Part Number System

| ALR81 | A | 152 | CH | 072 | | A |
|----------------------|-----------------------|----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------|
| Series | Termination | Capacitance Code (µF) | Size Code | Rated Voltage (VDC) | | Vibration/ High Reliability |
| Aluminum Rectangular | See Termination Table | First two digits represent significant figures. Third digit specifies number of zeros. | See Dimension Table | 024 = 24 048 = 48 072 = 72 120 = 120 | 180 = 180 250 = 250 275 = 275 | A = Standard V* = Anti-Vibration R = High Reliability M* = Anti-Vibration and High Reliability |

*Only available on 45 mm width

KEMET Electronics Corporation Sales Offices

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Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated or that other measures may not be required.

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