



a YAGEO company

## Overview

The KEMET ALC70 Snap-In and ALS70/71 Screw Terminal capacitors offer high performance and reliability in a wide range of voltage ratings up to 630 VDC. These series also features high ripple currents and long-life performance. Volumetric efficiency ensures the maximum capacitance and voltage capability in a smaller size.

## Features

- Long Life at 85°C ( $V_R, I_R$  applied)
  - Up to 18,000 hours (ALC70)
  - Up to 20,000 hours (ALS70/71)
- High ripple current capability
- Excellent surge voltage capability
- High reliability
- Maximum CV in a smaller size
- PET sleeve and Lexan disc are recognized to UL: QMTR2, UL No. E358957
- Optimized designs available upon request



## Applications

- Inverters
- Motor Drives
- Motor Control
- UPS Systems
- Smoothing
- Energy Storage
- Alternative Energy
- Pulse Operation
- AC Motor Control
- Charging Stations
- Traction
- Power Supplies
- Welding
- HVAC

630 V Extension

# 85°C Screw Terminal & Snap-In Capacitors

## Electrical Characteristics

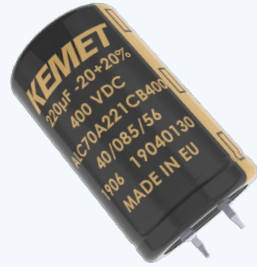
### ALS70/71 Screw Terminal, 85°C

Capacitance: 180 – 1,300,000  $\mu\text{F}$   
 Voltage Rating: 25 – **630** VDC  
 Operating Temperature: -40 to 85°C

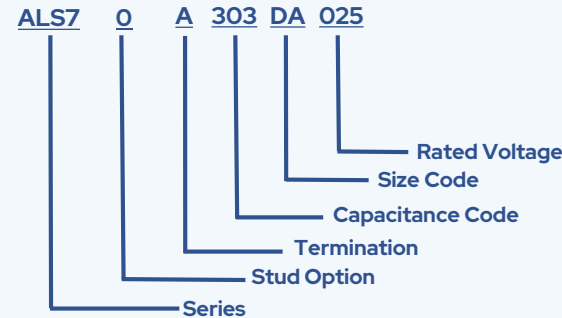


### ALC70 Snap-In, 85°C

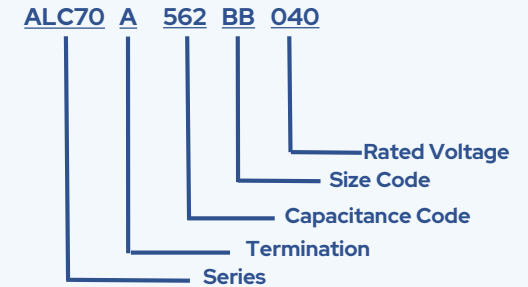
Capacitance: 47 – 150,000  $\mu\text{F}$   
 Voltage Rating: 40 – **630** VDC  
 Operating Temperature: -40 to 85°C



## Part Number System

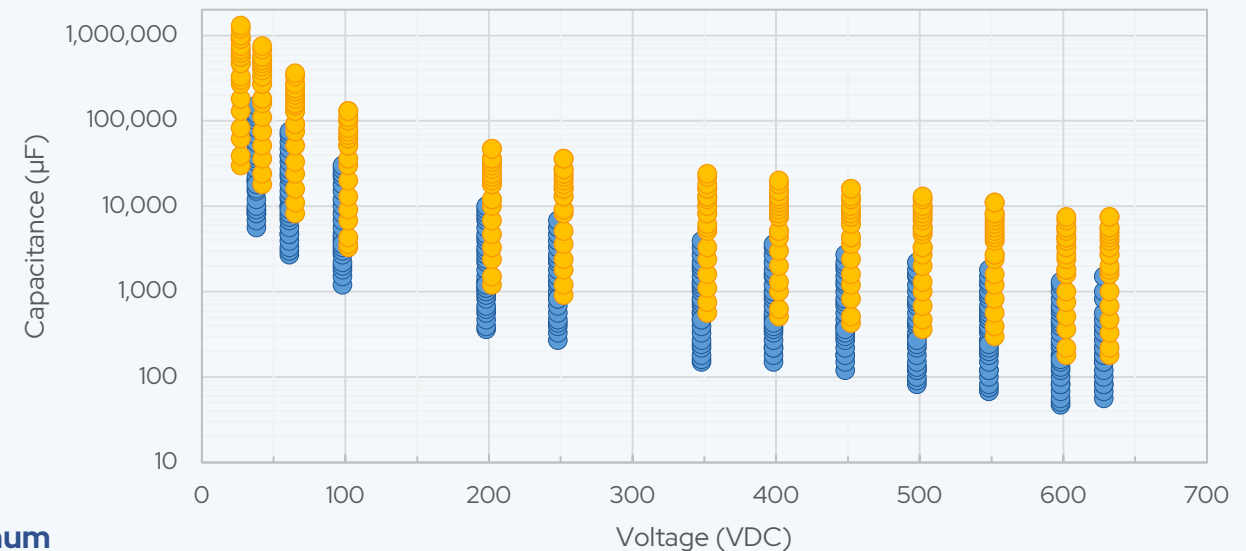


## Part Number System



## Voltage and Capacitance Offerings

- ALC70
- ALS70/71



Learn more at [ec.kemet.com/aluminum](http://ec.kemet.com/aluminum)