



Click [here](#) for the 3D model.

**General Information**

|                          |                                       |
|--------------------------|---------------------------------------|
| Series                   | ALC70                                 |
| Dielectric               | Aluminum Electrolytic                 |
| Style                    | Snap-In                               |
| Description              | Snap-In, Aluminum Electrolytic        |
| RoHS                     | Yes                                   |
| Lead                     | 4 Pin                                 |
| AEC-Q200                 | No                                    |
| Halogen Free             | true                                  |
| Typical Component Weight | 65 g                                  |
| Notes                    | Dimensions D And L Include Sleevings. |
| Shelf Life               | 156 Weeks                             |

**Dimensions**

|    |                 |
|----|-----------------|
| D  | 35mm +1mm       |
| L  | 40mm +/-2mm     |
| S  | 22.5mm +/-0.1mm |
| LL | 6.3mm +/-1mm    |
| F  | 2mm +/-0.1mm    |

**Packaging Specifications**

|           |           |
|-----------|-----------|
| Sleevings | true      |
| Packaging | Bulk, Bag |

**Specifications**

|                       |   |
|-----------------------|---|
| Capacitance           | 510 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 400 VDC, 440 VDC (Surge)  |
| Temperature Range     | -40/+85°C   |
| Rated Temperature     | 85°C  |
| Life                  | 15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage at 85C) |
| ESR                   | 272.3 mOhms (100Hz 20C), 144.6 mOhms (10kHz 20C)                                      |
| Ripple Current        | 2.459 Amps (100Hz 85C), 5.738 Amps (10kHz 85C)  |
| Leakage Current       | 1224 uA (5min 20°C)   |

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