



**General Information**

|                          |                                       |
|--------------------------|---------------------------------------|
| Series                   | ALC80                                 |
| Dielectric               | Aluminum Electrolytic                 |
| Style                    | Snap-In                               |
| Description              | Snap-In, Aluminum Electrolytic        |
| RoHS                     | Yes                                   |
| Lead                     | 2 Pin                                 |
| AEC-Q200                 | No                                    |
| Halogen Free             | true                                  |
| Typical Component Weight | 50 g                                  |
| Notes                    | Dimensions D And L Include Sleevings. |
| Shelf Life               | 156 Weeks                             |

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

**Dimensions**

|    |               |
|----|---------------|
| D  | 30mm +1mm     |
| L  | 40mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

**Packaging Specifications**

|           |      |
|-----------|------|
| Sleevings | true |
| Packaging | Tray |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 270 uF   |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 400 VDC, 440 VDC (Surge)   |
| Temperature Range     | -40/+105°C   |
| Rated Temperature     | 105°C  |
| Life                  | 7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C) |
| ESR                   | 448.4 mOhms (100Hz 20C), 228.9 mOhms (10kHz 20C)                                       |
| Ripple Current        | 1.738 Amps (100Hz 105C), 5.141 Amps (10kHz 105C)                                       |
| Leakage Current       | 324 uA (5min 20°C)   |

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