



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

**General Information**

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC80                               |
| Dielectric               | Aluminum Electrolytic               |
| Style                    | Snap-In                             |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 4 Pin Short                         |
| AEC-Q200                 | No                                  |
| Halogen Free             | true                                |
| Typical Component Weight | 165 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

**Dimensions**

|    |                 |
|----|-----------------|
| D  | 40mm +1mm       |
| L  | 80mm +/-2mm     |
| S  | 22.5mm +/-0.1mm |
| LL | 4mm +/-1mm      |
| F  | 2mm +/-0.1mm    |

**Packaging Specifications**

|           |           |
|-----------|-----------|
| Slewing   | true      |
| Packaging | Bulk, Bag |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 1100 uF  |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 450 VDC, 495 VDC (Surge)   |
| Temperature Range     | -40/+105°C   |
| Rated Temperature     | 105°C  |
| Life                  | 9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage At 105C) |
| ESR                   | 125.1 mOhms (100Hz 20C), 73.77 mOhms (10kHz 20C)                                       |
| Ripple Current        | 4.92 Amps (100Hz 105C), 11.12 Amps (10kHz 105C)  |
| Leakage Current       | 1485 uA (5min 20°C)  |

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