



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

#### Dimensions

|    |               |
|----|---------------|
| D  | 50mm +1mm     |
| L  | 105mm +/-2mm  |
| S  | 25mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

#### Packaging Specifications

|           |           |
|-----------|-----------|
| Sleaving  | true      |
| Packaging | Bulk, Bag |

#### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | ALC80                                |
| Dielectric               | Aluminum Electrolytic                |
| Style                    | Snap-In                              |
| Description              | Snap-In, Aluminum Electrolytic       |
| RoHS                     | Yes                                  |
| Lead                     | 5 Pin                                |
| AEC-Q200                 | No                                   |
| Halogen Free             | true                                 |
| Typical Component Weight | 310 g                                |
| Notes                    | Dimensions D And L Include Sleaving. |
| Shelf Life               | 156 Weeks                            |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 100000 uF  |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 40 VDC, 46 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                   | 9.39 mOhms (100Hz 20C), 8.353 mOhms (10kHz 20C)  |
| Ripple Current        | 19.33 Amps (100Hz 105C), 21.19 Amps (10kHz 105C)                                       |
| Leakage Current       | 6000 uA (5min 20°C)  |