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**General Information**

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC80                               |
| Dielectric               | Aluminum Electrolytic               |
| Style                    | Snap-In                             |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 3 Pin Short                         |
| AEC-Q200                 | No                                  |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 28 g                                |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

**Dimensions**

|    |               |
|----|---------------|
| D  | 25mm +1mm     |
| L  | 30mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 4mm +/-1mm    |
| F  | 2mm +/-0.1mm  |

**Packaging Specifications**

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Tray |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 3,900 uF   |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 40 VDC, 46 VDC (Surge)   |
| Temperature Range     | -40/+105°C   |
| Rated Temperature     | 105°C  |
| Life                  | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C) |
| ESR                   | 134 mOhms (100Hz 20C), 108.2 mOhms (10kHz 20C)   |
| Ripple Current        | 3.265 Amps (100Hz 105C), 4.523 Amps (10kHz 105C)                                       |
| Leakage Current       | 468 uA (5min 20°C)   |

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