

## ALC80C183EF063

ALC80, Aluminum, Aluminum Electrolytic, 18,000 uF, 20%, 63 VDC, -40/+105°C, 22.5 mm



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

| General Information      |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC80                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 4 Pin                               |
| AEC-Q200                 | No                                  |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 105 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

| Dimensions |                 |
|------------|-----------------|
| D          | 40mm +1mm       |
| L          | 50mm +/-2mm     |
| S          | 22.5mm +/-0.1mm |
| LL         | 6.3mm +/-1mm    |
| F          | 2mm +/-0.1mm    |

  

| Packaging Specifications |           |
|--------------------------|-----------|
| Slewing                  | Yes       |
| Packaging                | Bulk, Bag |

| Specifications    |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 18,000 uF                                                                              |
| Tolerance         | 20%                                                                                    |
| Voltage DC        | 63 VDC, 72.5 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               | 28.44 mOhms (100Hz 20C), 23.17 mOhms (10kHz 20C)                                       |
| Ripple Current    | 8.824 Amps (100Hz 105C), 10.54 Amps (10kHz 105C)                                       |
| Leakage Current   | 3402 uA (5min 20°C)                                                                    |

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