

## ALC80A302EB100

ALC80, Aluminum, Aluminum Electrolytic, 3,000 uF, 20%, 100 VDC, -40/+105°C, 10 mm



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

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

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

| General Information      |                                      |
|--------------------------|--------------------------------------|
| Series                   | ALC80                                |
| Dielectric               | Aluminum Electrolytic                |
| Description              | Snap-In, Aluminum Electrolytic       |
| RoHS                     | Yes                                  |
| Lead                     | 2 Pin                                |
| Halogen Free             | Yes                                  |
| Typical Component Weight | 55 g                                 |
| Notes                    | Dimensions D And L Include Sleeving. |
| Shelf Life               | 156 Weeks                            |

| Specifications    |  |
|-------------------|--|
| Capacitance       | 3,000 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 100 VDC, 115 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               | 111.2 mOhms (100Hz 20C), 93.62 mOhms (10kHz 20C)                                       |
| Ripple Current    | 4.663 Amps (100Hz 105C), 5.883 Amps (10kHz 105C)                                       |
| Leakage Current   | 900 uA (5min 20°C)   |

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