

## ALC70D302CD100

ALC70, Aluminum, Aluminum Electrolytic, 3,000 uF, 20%, 100 VDC, -40/+85°C, 10 mm



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

| Dimensions |               |
|------------|---------------|
| D          | 30mm +1mm     |
| L          | 40mm +/-2mm   |
| S          | 10mm +/-0.1mm |
| LL         | 4mm +/-1mm    |
| F          | 2mm +/-0.1mm  |

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

| General Information      |                                      |
|--------------------------|--------------------------------------|
| Series                   | ALC70                                |
| Dielectric               | Aluminum Electrolytic                |
| Description              | Snap-In, Aluminum Electrolytic       |
| RoHS                     | Yes                                  |
| Lead                     | 2 Pin Short                          |
| Halogen Free             | Yes                                  |
| Typical Component Weight | 50 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/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 13000 Hrs (Rated Voltage And Ripple Current At 85C), 21000 Hrs (Rated Voltage At 85C) |
| ESR               | 85.52 mOhms (100Hz 20C), 67.2 mOhms (10kHz 20C)                                       |
| Ripple Current    | 4.759 Amps (100Hz 85C), 6.767 Amps (10kHz 85C)  |
| Leakage Current   | 1800 uA (5min 20°C)   |

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