







Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 35mm +1mm       |
| L          | 35mm +/-2mm     |
| S          | 22.5mm +/-0.1mm |
| LL         | 4mm +/-1mm      |
| F          | 2mm +/-0.1mm    |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |

| General Information |                                |
|---------------------|--------------------------------|
| Series              | ALC40                          |
| Dielectric          | Aluminum Electrolytic          |
| Description         | Snap-In, Aluminum Electrolytic |
| RoHS                | Yes                            |
| Lead                | 4 Pin Short                    |
| AEC-Q200            | No                             |
| Component Weight    | 50 g                           |
| Shelf Life          | 156 Weeks                      |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 12,000 uF   |
| Capacitance<br>Tolerance | 20%   |
| Voltage DC               | 40 VDC, 46 VDC (Surge)  |
| Temperature<br>Range     | -40/+105°C  |
| Rated<br>Temperature     | 105°C   |
| Life                     | 8000 Hrs (Rated Voltage And Ripple Current<br>At 105C), 13000 Hrs (Rated Voltage At 105C) |
| Resistance               | 121 mOhms (100Hz 20C), 106 mOhms (10kHz 20C)  |
| Ripple Current           | 2.77 Amps (100Hz 105C), 3.08 Amps (10kHz 105C)  |
| Leakage Current          | 1440 uA (5min 20°C)   |

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