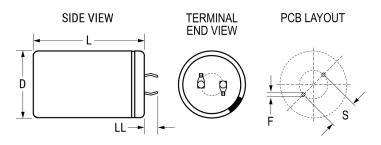


**ALC40A821DF250**ALC40, Aluminum Electrolytic, 820 uF, 20%, 250 VDC, -40/+105°C





**General Information** Series ALC40 Dielectric Aluminum Electrolytic Description Snap-In, Aluminum Electrolytic RoHS Lead 2 Pin AEC-Q200 No Component Weight 70 g Shelf Life 156 Weeks

Click here for the 3D model.

| Dimensions | ,             |
|------------|---------------|
| D          | 35mm +1mm     |
| L          | 50mm +/-2mm   |
| S          | 10mm +/-0.1mm |
| LL         | 6.3mm +/-1mm  |
| F          | 2mm +/-0.1mm  |

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

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 820 uF  |
| Capacitance<br>Tolerance | 20%   |
| Voltage DC               | 250 VDC, 288 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               | 190 mOhms (100Hz 20C), 137 mOhms (10kHz 20C)  |
| Ripple Current           | 3.12 Amps (100Hz 105C), 4.66 Amps (10kHz 105C)  |
| Leakage Current          | 615 uA (5min 20°C)  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.