

## ALC40A101BB400

ALC40, Aluminum, Aluminum Electrolytic, 100 uF, 20%, 400 VDC, -40/+105°C, 10 mm



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| Dimensions |               |
|------------|---------------|
| D          | 25mm +1mm     |
| L          | 30mm +/-2mm   |
| S          | 10mm +/-0.1mm |
| LL         | 6.3mm +/-1mm  |
| F          | 2mm +/-0.1mm  |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |

| General Information      |                                |
|--------------------------|--------------------------------|
| Series                   | ALC40                          |
| Dielectric               | Aluminum Electrolytic          |
| Description              | Snap-In, Aluminum Electrolytic |
| RoHS                     | Yes                            |
| Lead                     | 2 Pin                          |
| Typical Component Weight | 28 g                           |
| Shelf Life               | 156 Weeks                      |

| Specifications    |  |
|-------------------|--|
| Capacitance       | 100 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 400 VDC, 440 VDC (Surge)   |
| Temperature Range | -40/+105°C   |
| Rated Temperature | 105°C  |
| Life              | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage at 105C) |
| ESR               | 1193 mOhms (100Hz 20C), 788 mOhms (10kHz 20C)  |
| Ripple Current    | 0.85 Amps (100Hz 105C), 2.09 Amps (10kHz 105C)   |
| Leakage Current   | 120 uA (5min 20°C)   |

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