

ALC40, Aluminum Electrolytic, 560 uF, 20%, 250 VDC, -40/+105°C



| Dimensions |                 |
|------------|-----------------|
| D          | 40mm +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:   | 57 g                           |
| Shelf Life:         | 156 Weeks                      |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 560 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 250 VDC, 288 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) |
| Resistance:            | 221 mOhms (100Hz 20C), 166 mOhms (10kHz 20C)   |
| Ripple Current:        | 3.05 Amps (100Hz 105C), 4.16 Amps (10kHz 105C)   |
| Leakage Current:       | 420 uA (5min 20°C)   |

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