

ALC40, Aluminum Electrolytic, 470 uF, 20%, 400 VDC, -40/+105°C



| Dimensions |                 |
|------------|-----------------|
| D          | 35mm +1mm       |
| L          | 50mm +/-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:   | 70 g                           |
| Shelf Life:         | 156 Weeks                      |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 470 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 400 VDC, 440 VDC (Surge)   |
| Temperature Range:     | -40/+105°C   |
| Rated Temperature:     | 105°C  |
| Life:                  | 8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C) |
| Resistance:            | 277 mOhms (100Hz 20C), 192 mOhms (10kHz 20C)   |
| Ripple Current:        | 2.51 Amps (100Hz 105C), 4.4 Amps (10kHz 105C)  |
| Leakage Current:       | 564 uA (5min 20°C)   |

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