

ALC10, Aluminum Electrolytic, 8,200 uF, 20%, 100 VDC, -40/+85°C



| General Information |                                       |
|---------------------|---------------------------------------|
| Series:             | ALC10                                 |
| Dielectric:         | Aluminum Electrolytic                 |
| Description:        | Snap-In, Aluminum Electrolytic        |
| RoHS:               | Yes                                   |
| Lead:               | 4 Pin Short                           |
| AEC-Q200:           | No                                    |
| Component Weight:   | 98 g                                  |
| Notes:              | Dimensions D And L Include Sleevings. |
| Shelf Life:         | 156 Weeks                             |

| Dimensions |                 |
|------------|-----------------|
| D          | 40mm +1mm       |
| L          | 60mm +/-2mm     |
| S          | 22.5mm +/-0.1mm |
| LL         | 4mm +/-1mm      |
| F          | 2mm +/-0.1mm    |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 8,200 uF  |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 100 VDC, 115 VDC (Surge)  |
| Temperature Range:     | -40/+85°C   |
| Rated Temperature:     | 85°C  |
| Life:                  | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage at 85C) |
| Resistance:            | 44 mOhms (100Hz 20C), 39 mOhms (10kHz 20C)  |
| Ripple Current:        | 7.36 Amps (100Hz 85C), 7.61 Amps (10kHz 85C)  |
| Leakage Current:       | 4920 uA (5min 20°C)   |

| Packaging Specifications |           |
|--------------------------|-----------|
| Sleevings:               | Yes       |
| Packaging:               | Bulk, Bag |

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