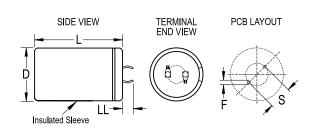
## KEMET Part Number: ALC10A181EB550



## Aluminum Electrolytic, 85C, ALC10, 180 uF, 20%, 550 V, -40/+85C



| General Information |  |
|---------------------|--|
| Dielectric:         | Aluminum Electrolytic                  |
| Series:             | ALC10                                  |
| Description:        | Snap-In, Aluminum Electrolytic         |
| RoHS:               | Yes                                    |
| Lead:               | 2 Pin                                  |
| Notes:              | Dimensions D And L Include<br>Sleeving |

| Dimensions |               |
|------------|---------------|
| D          | 40mm +1mm     |
| L          | 30mm +/-2mm   |
| S          | 10mm +/-0.1mm |
| LL         | 6.3mm +/-1mm  |
| F          | 2mm +/-0.1mm  |

| Packaging Specifications |      |
|--------------------------|------|
| Sleeving:                | Yes  |
| Packaging:               | Bulk |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 180 uF  |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 550 VDC, 605 VDC (Surge)  |
| Temperature Range:     | -40/+85C  |
| Rated Temperature:     | 85C   |
| Life:                  | 18000 Hrs (Rated Voltage And<br>Ripple Current At 85C), 29000<br>Hrs (Rated Voltgae At 85C) |
| Resistance:            | 1936 mOhms (100Hz 20C), 1688<br>mOhms (10kHz 20C)   |
| Current:               | 1.6 Amps (100Hz 85C), 2.62<br>Amps (10kHz 85C)  |
| Leakage Current:       | 594 uAmps (5min 20C)  |

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