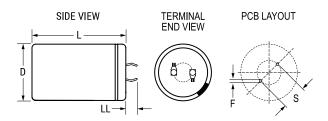
## **KEMET Part Number: ALC10D681EB250**



## ALC10, Aluminum Electrolytic, 680 uF, 20%, 250 VDC, -40/+85°C



| General Information |                                      |
|---------------------|--------------------------------------|
| Series:             | ALC10                                |
| Dielectric:         | Aluminum Electrolytic                |
| Description:        | Snap-In, Aluminum Electrolytic       |
| RoHS:               | Yes                                  |
| Lead:               | 2 Pin Short                          |
| AEC-Q200:           | No                                   |
| Component Weight:   | 49 g                                 |
| Notes:              | Dimensions D And L Include Sleeving. |
| Shelf Life:         | 156 Weeks                            |

| Dimensions |               |
|------------|---------------|
| D          | 40mm +1mm     |
| L          | 30mm +/-2mm   |
| S          | 10mm +/-0.1mm |
| LL         | 4mm +/-1mm    |
| F          | 2mm +/-0.1mm  |

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

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 680 uF  |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 250 VDC, 287.5 VDC (Surge)  |
| Temperature Range:     | -40/+85°C   |
| Rated Temperature:     | 85°C  |
| Life:                  | 18000 Hrs (Rated Voltage And<br>Ripple Current At 85C), 29000<br>Hrs (Rated Voltage at 85C) |
| Resistance:            | 187 mOhms (100Hz 20C), 144<br>mOhms (10kHz 20C)   |
| Ripple Current:        | 2.79 Amps (100Hz 85C), 3.56<br>Amps (10kHz 85C)   |
| Leakage Current:       | 1020 uA (5min 20°C)   |

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