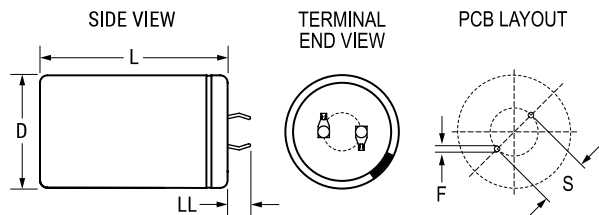


ALC10, Aluminum Electrolytic, 270 uF, 20%, 550 VDC, -40/+85°C



**General Information**

|                     |                                    |
|---------------------|------------------------------------|
| <b>Supplier:</b>    | KEMET                              |
| <b>Series:</b>      | ALC10                              |
| <b>Dielectric:</b>  | Aluminum Electrolytic              |
| <b>Description:</b> | Snap-In, Aluminum Electrolytic     |
| <b>RoHS:</b>        | Yes                                |
| <b>Lead:</b>        | 2 Pin                              |
| <b>AEC-Q200:</b>    | No                                 |
| <b>Notes:</b>       | Dimensions D And L Include Slewing |
| <b>Shelf Life:</b>  | 156 Weeks                          |

**Dimensions**

|           |               |
|-----------|---------------|
| <b>D</b>  | 35mm +1mm     |
| <b>L</b>  | 50mm +/-2mm   |
| <b>S</b>  | 10mm +/-0.1mm |
| <b>LL</b> | 6.3mm +/-1mm  |
| <b>F</b>  | 2mm +/-0.1mm  |

**Packaging Specifications**

|                   |           |
|-------------------|-----------|
| <b>Slewing:</b>   | Yes       |
| <b>Packaging:</b> | Bulk, Bag |

**Specifications**

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| <b>Capacitance:</b>           | 270 uF                                                                                |
| <b>Capacitance Tolerance:</b> | 20%                                                                                   |
| <b>Voltage DC:</b>            | 550 VDC, 605 VDC (Surge)                                                              |
| <b>Temperature Range:</b>     | -40/+85°C                                                                             |
| <b>Rated Temperature:</b>     | 85°C                                                                                  |
| <b>Life:</b>                  | 15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage at 85C) |
| <b>Resistance:</b>            | 1290 mOhms (100Hz 20C), 1126 mOhms (10kHz 20C)                                        |
| <b>Ripple Current:</b>        | 2.01 Amps (100Hz 85C), 3.15 Amps (10kHz 85C)                                          |
| <b>Leakage Current:</b>       | 891 uA (5min 20°C)                                                                    |