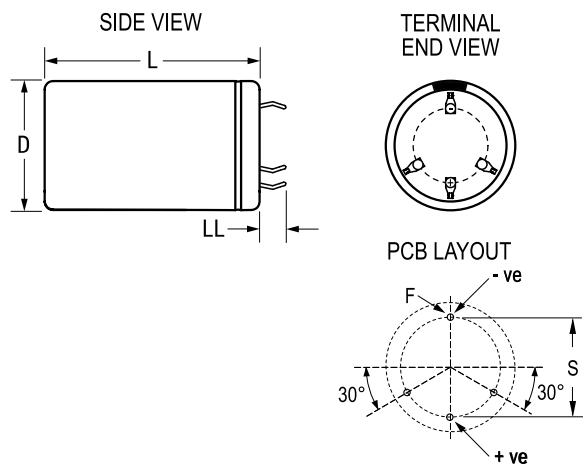


## ALC10E102EL400

ALC10, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 400 VDC, -40/+85°C, 22.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC10                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 4 Pin Short                         |
| Typical Component Weight | 131 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 40mm +1mm       |
| L  | 80mm +/-2mm     |
| S  | 22.5mm +/-0.1mm |
| LL | 4mm +/-1mm      |
| F  | 2mm +/-0.1mm    |

### Packaging Specifications

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Tray |

### Specifications

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Capacitance       | 1,000 uF                                                                              |
| Tolerance         | 20%                                                                                   |
| Voltage DC        | 400 VDC, 440 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) |
| ESR               | 120 mOhms (100Hz 20C), 78 mOhms (10kHz 20C)                                           |
| Ripple Current    | 5 Amps (100Hz 85C), 8.82 Amps (10kHz 85C)                                             |
| Leakage Current   | 2400 uA (5min 20°C)                                                                   |

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