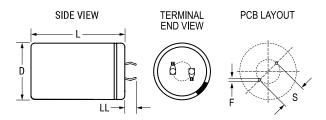
## **KEMET Part Number: ALC40A473EF025**



## ALC40, Aluminum Electrolytic, 47,000 uF, 20%, 25 VDC, -40/+105°C



| General Information |                                |
|---------------------|--------------------------------|
| Series:             | ALC40                          |
| Dielectric:         | Aluminum Electrolytic          |
| Description:        | Snap-In, Aluminum Electrolytic |
| RoHS:               | Yes                            |
| Lead:               | 2 Pin                          |
| AEC-Q200:           | No                             |
| Component Weight:   | 82 g                           |
| Shelf Life:         | 156 Weeks                      |

| Dimensions |               |  |
|------------|---------------|--|
| D          | 40mm +1mm     |  |
| L          | 50mm +/-2mm   |  |
| S          | 10mm +/-0.1mm |  |
| LL         | 6.3mm +/-1mm  |  |
| F          | 2mm +/-0.1mm  |  |

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

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 47,000 uF  |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 25 VDC, 28.75 VDC (Surge)  |
| Temperature Range:     | -40/+105°C   |
| Rated Temperature:     | 105°C  |
| Life:                  | 9000 Hrs (Rated Voltage And<br>Ripple Current At 105C), 14000<br>Hrs (Rated Voltage at 105C) |
| Resistance:            | 41 mOhms (100Hz 20C), 37<br>mOhms (10kHz 20C)  |
| Ripple Current:        | 7.3 Amps (100Hz 105C), 7.4<br>Amps (10kHz 105C)  |
| Leakage Current:       | 3525 uA (5min 20°C)  |

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