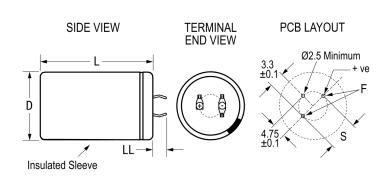


## ALC80F271EB450

Aliases (A547HD271M450F)

ALC80, Aluminum Electrolytic, 270 uF, 20%, 450 VDC, -40/+105°C



General Information Series ALC80 Dielectric Aluminum Electrolytic Description Snap-In, Aluminum Electrolytic RoHS Lead 3 Pin Short AEC-Q200 No Halogen Free Yes Component Weight 55 g Notes Dimensions D And L Include Sleeving. Shelf Life 156 Weeks

Click here for the 3D model.

| 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              | 270 uF   |
| Capacitance<br>Tolerance | 20%  |
| Voltage DC               | 450 VDC, 495 VDC (Surge)   |
| Temperature<br>Range     | -40/+105°C   |
| Rated<br>Temperature     | 105°C  |
| Life                     | 9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C) |
| Resistance               | 495.7 mOhms (100Hz 20C), 287.8 mOhms (10kHz 20C)                                       |
| Ripple Current           | 1.965 Amps (100Hz 105C), 4.991 Amps (10kHz 105C)                                       |
| Leakage Current          | 364.5 uA (5min 20°C)   |

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