

## ALF80C112EL450

ALF80, Aluminum, Aluminum Electrolytic, 1,100 uF, 20%, 450 VDC, -40/+105°C, 22.5 mm



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

### General Information

|                          |                                       |
|--------------------------|---------------------------------------|
| Series                   | ALF80                                 |
| Dielectric               | Aluminum Electrolytic                 |
| Style                    | Press-Fit                             |
| Description              | Aluminum Electrolytic                 |
| RoHS                     | Yes                                   |
| Lead                     | 4 Pin Press-Fit                       |
| Typical Component Weight | 165 g                                 |
| Notes                    | Dimensions D And L Include Sleevings. |
| Shelf Life               | 156 Weeks                             |

| Dimensions |                    |
|------------|--------------------|
| D          | 40mm +1mm          |
| L          | 80mm +/-2mm        |
| S          | 22.5mm +/-0.1mm    |
| LL         | 5.5mm +/-1mm       |
| F          | 1.486mm +/-0.076mm |

  

| Packaging Specifications |      |
|--------------------------|------|
| Sleevings                | Yes  |
| Packaging                | Bulk |

| Specifications    |  |
|-------------------|--|
| Capacitance       | 1,100 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 450 VDC, 495 VDC (Surge)   |
| Temperature Range | -40/+105°C   |
| Rated Temperature | 105°C  |
| Life              | 9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage at 105C) |
| ESR               | 125.1 mOhms (100Hz 20C), 73.77 mOhms (10kHz 20C)                                       |
| Ripple Current    | 4.92 Amps (100Hz 105C), 11.12 Amps (10kHz 105C)  |
| Leakage Current   | 1485 uA (5min 20°C)  |

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