

## ALF70G102EH450

ALF70, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C, 25 mm



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

### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALF70                               |
| Dielectric               | Aluminum Electrolytic               |
| Style                    | Press-Fit                           |
| Description              | Aluminum Electrolytic               |
| RoHS                     | Yes                                 |
| Lead                     | 5 Pin Press-Fit                     |
| AEC-Q200                 | No                                  |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 125 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 1,000 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 450 VDC, 495 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               | 148.2 mOhms (100Hz 20C), 85.42 mOhms (10kHz 20C)                                      |
| Ripple Current    | 4.11 Amps (100Hz 85C), 8.534 Amps (10kHz 85C)   |
| Leakage Current   | 2700 uA (5min 20°C)   |

### Dimensions

|    |                    |
|----|--------------------|
| D  | 40mm +1mm          |
| L  | 60mm +/-2mm        |
| S  | 25mm +/-0.1mm      |
| LL | 5.5mm +/-1mm       |
| F  | 1.486mm +/-0.076mm |

### Packaging Specifications

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Bulk |

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