



[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 | 310 g                                |
| Notes                    | Dimensions D And L Include Sleeving. |
| Shelf Life               | 156 Weeks                            |

#### Dimensions

|    |                    |                   |                          |
|----|--------------------|-------------------|--------------------------|
| D  | 50mm +1mm          | Capacitance       | 30,000 uF                |
| L  | 105mm +/-2mm       | Tolerance         | 20%                      |
| S  | 25mm +/-0.1mm      | Voltage DC        | 100 VDC, 115 VDC (Surge) |
| LL | 5.5mm +/-1mm       | Temperature Range | -40/+85°C                |
| F  | 1.486mm +/-0.076mm | Rated Temperature | 85°C                     |

#### Packaging Specifications

|           |      |                 |   |
|-----------|------|-----------------|---|
| Sleeving  | Yes  | Life            | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 85C) |
| Packaging | Bulk | ESR             | 13.91 mOhms (100Hz 20C), 12 mOhms (10kHz 20C)   |
|           |      | Ripple Current  | 16.07 Amps (100Hz 85C), 18.16 Amps (10kHz 85C)  |
|           |      | Leakage Current | 6000 uA (5min 20°C)   |

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