



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

General Information

| | |
|--------------------------|-------------------------------------|
| Series | ALF70 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin Press-Fit |
| AEC-Q200 | No |
| Halogen Free | Yes |
| Typical Component Weight | 195 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

Specifications

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|-------------------|---|
| Capacitance | 1,200 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 175.1 mOhms (100Hz 20C), 122.6 mOhms (10kHz 20C) |
| Ripple Current | 4.926 Amps (100Hz 85C), 9.383 Amps (10kHz 85C) |
| Leakage Current | 3600 uA (5min 20°C) |

Dimensions

| | |
|----|--------------------|
| D | 40mm +1mm |
| L | 100mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

Packaging Specifications

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

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