



Click here for the 3D model.

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

| Packaging Specifications |      |
|--------------------------|------|
| Sleeving                 | Yes  |
| Packaging                | Bulk |

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

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 820 uF  |
| Capacitance<br>Tolerance | 20%   |
| Voltage DC               | 600 VDC, 660 VDC (Surge)  |
| Temperature<br>Range     | -40/+85°C   |
| Rated<br>Temperature     | 85°C  |
| Life                     | 18000 Hrs (Rated Voltage and Ripple Current at 85C), 29000 Hrs (Rated Voltage at 85C) |
| Resistance               | 163.2 mOhms (100Hz 20C), 107.2 mOhms (10kHz<br>20C)                                   |
| Ripple Current           | 4.918 Amps (100Hz 85C), 9.484 Amps (10kHz<br>85C)                                     |
| Leakage Current          | 2952 uA (5min 20°C)   |

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