

## ALF40G102EF250

ALF40, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 250 VDC, -40/+105°C, 25 mm



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

### General Information

|                          |                             |
|--------------------------|-----------------------------|
| Series                   | ALF40                       |
| Dielectric               | Aluminum Electrolytic       |
| Style                    | Press-Fit                   |
| Description              | Aluminum Electrolytic       |
| RoHS                     | Yes                         |
| Lead                     | 5 Pin Press-Fit             |
| Typical Component Weight | 82 g                        |
| Notes                    | Dimensions Include Slewing. |
| Shelf Life               | 156 Weeks                   |

| Dimensions |                    |
|------------|--------------------|
| D          | 40mm +1mm          |
| L          | 50mm +/-2mm        |
| S          | 25mm +/-0.1mm      |
| LL         | 5.5mm +/-1mm       |
| F          | 1.486mm +/-0.076mm |

  

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Bulk |
| Packaging Quantity       | 36   |

| Specifications    |  |
|-------------------|--|
| Capacitance       | 1,000 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 250 VDC, 288 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               | 123 mOhms (100Hz 20C), 92 mOhms (10kHz 20C)  |
| Ripple Current    | 4.58 Amps (100Hz 105C), 6.22 Amps (10kHz 105C)   |
| Leakage Current   | 750 uA (5min 20°C)   |

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