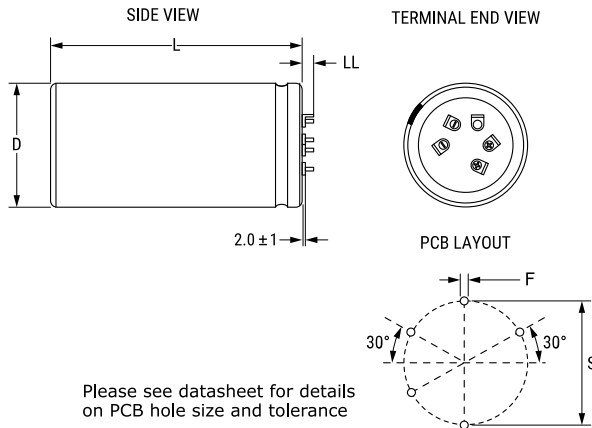


## ALF40G182EL250

ALF40, Aluminum, Aluminum Electrolytic, 1,800 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              |
| AEC-Q200                 | No                           |
| Typical Component Weight | 131 g                        |
| Notes                    | Dimensions Include Sleeving. |
| Shelf Life               | 156 Weeks                    |

### Dimensions

|    |                    |
|----|--------------------|
| D  | 40mm +1mm          |
| L  | 80mm +/-2mm        |
| S  | 25mm +/-0.1mm      |
| LL | 5.5mm +/-1mm       |
| F  | 1.486mm +/-0.076mm |

### Packaging Specifications

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

### Specifications

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 1,800 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               | 67 mOhms (100Hz 20C), 50 mOhms (10kHz 20C)                                             |
| Ripple Current    | 6.77 Amps (100Hz 105C), 9.27 Amps (10kHz 105C)                                         |
| Leakage Current   | 1350 uA (5min 20°C)                                                                    |

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