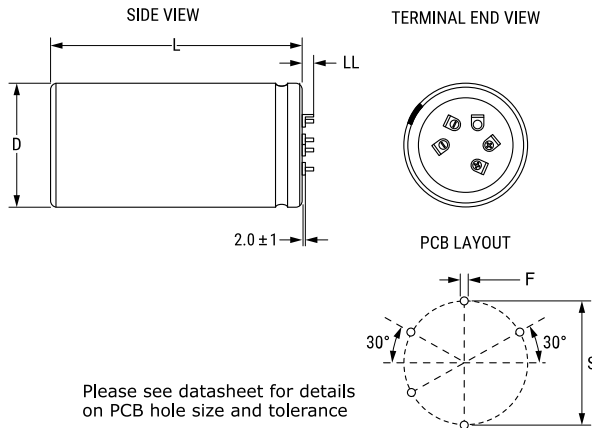


## ALF80G682EF100

ALF80, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 100 VDC, -40/+105°C, 25 mm



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

### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALF80                               |
| Dielectric               | Aluminum Electrolytic               |
| Style                    | Press-Fit                           |
| Description              | Aluminum Electrolytic               |
| RoHS                     | Yes                                 |
| Lead                     | 5 Pin Press-Fit                     |
| Typical Component Weight | 105 g                               |
| Notes                    | Dimensions D And L 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

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

### Specifications

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 6,800 uF                                                                               |
| Tolerance         | 20%                                                                                    |
| Voltage DC        | 100 VDC, 115 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               | 51.7 mOhms (100Hz 20C), 43.93 mOhms (10kHz 20C)                                        |
| Ripple Current    | 7.563 Amps (100Hz 105C), 9.248 Amps (10kHz 105C)                                       |
| Leakage Current   | 2040 uA (5min 20°C)                                                                    |

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