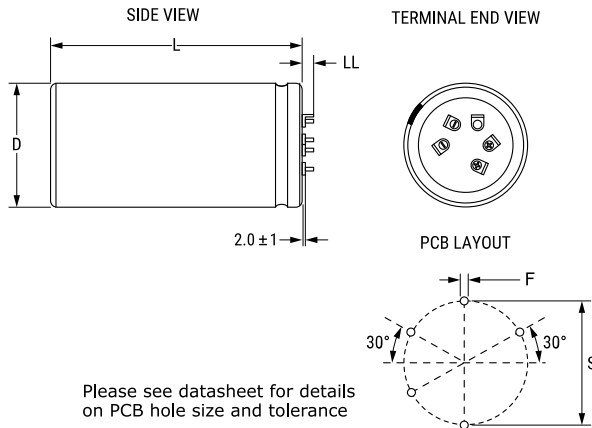


## ALF80G681EH450

ALF80, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 450 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                     |
| AEC-Q200                 | No                                  |
| Typical Component Weight | 125 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Dimensions

|    |                    |
|----|--------------------|
| D  | 40mm +1mm          |
| L  | 60mm +/-2mm        |
| S  | 25mm +/-0.1mm      |
| LL | 5.5mm +/-1mm       |
| F  | 1.486mm +/-0.076mm |

### Packaging Specifications

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

### Specifications

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Capacitance       | 680 uF                                                                                   |
| Tolerance         | 20%                                                                                      |
| Voltage DC        | 450 VDC, 495 VDC (Surge)                                                                 |
| Temperature Range | -40/+105°C                                                                               |
| Rated Temperature | 105°C                                                                                    |
| Life              | 9000 Hrs (Rated Voltage And Ripple Current At 105°C), 14000 Hrs (Rated Voltage At 105°C) |
| ESR               | 197.9 mOhms (100Hz 20C), 105.3 mOhms (10kHz 20C)                                         |
| Ripple Current    | 3.663 Amps (100Hz 105C), 9.067 Amps (10kHz 105C)                                         |
| Leakage Current   | 918 uA (5min 20°C)                                                                       |

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