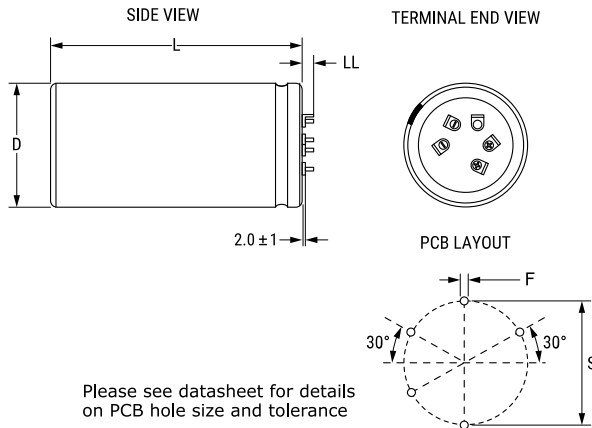


## ALF70G821EJ550

ALF70, Aluminum, Aluminum Electrolytic, 820 uF, 20%, 550 VDC, -40/+85°C, 25 mm



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

### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALF70                               |
| Dielectric               | Aluminum Electrolytic               |
| Style                    | Press-Fit                           |
| Description              | Aluminum Electrolytic               |
| RoHS                     | Yes                                 |
| Lead                     | 5 Pin Press-Fit                     |
| AEC-Q200                 | No                                  |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 145 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Specifications

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Capacitance       | 820 uF                                                                                |
| Tolerance         | 20%                                                                                   |
| Voltage DC        | 550 VDC, 605 VDC (Surge)                                                              |
| Temperature Range | -40/+85°C                                                                             |
| Rated Temperature | 85°C                                                                                  |
| Life              | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 85C) |
| ESR               | 537.9 mOhms (100Hz 20C), 466 mOhms (10kHz 20C)                                        |
| Ripple Current    | 3.593 Amps (100Hz 85C), 5.474 Amps (10kHz 85C)                                        |
| Leakage Current   | 2706 uA (5min 20°C)                                                                   |

### Dimensions

|    |                    |
|----|--------------------|
| D  | 40mm +1mm          |
| L  | 70mm +/-2mm        |
| S  | 25mm +/-0.1mm      |
| LL | 5.5mm +/-1mm       |
| F  | 1.486mm +/-0.076mm |

### Packaging Specifications

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

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