

## ALC70C162EL400

Aliases (A546HP162M400C)

ALC70, Aluminum Electrolytic, 1,600 uF, 20%, 400 VDC, -40/+85°C



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

### Dimensions

|    |                 |
|----|-----------------|
| D  | 40mm +1mm       |
| L  | 80mm +/-2mm     |
| S  | 22.5mm +/-0.1mm |
| LL | 6.3mm +/-1mm    |
| F  | 2mm +/-0.1mm    |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Sleeving  | Yes       |
| Packaging | Bulk, Bag |

### General Information

|                  |                                      |
|------------------|--------------------------------------|
| Series           | ALC70                                |
| Dielectric       | Aluminum Electrolytic                |
| Description      | Snap-In, Aluminum Electrolytic       |
| RoHS             | Yes                                  |
| Lead             | 4 Pin                                |
| AEC-Q200         | No                                   |
| Halogen Free     | Yes                                  |
| Component Weight | 165 g                                |
| Notes            | Dimensions D And L Include Sleeving. |
| Shelf Life       | 156 Weeks                            |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 1,600 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 400 VDC, 440 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) |
| Resistance            | 92.3 mOhms (100Hz 20C), 50.63 mOhms (10kHz 20C)                                       |
| Ripple Current        | 5.265 Amps (100Hz 85C), 10.65 Amps (10kHz 85C)  |
| Leakage Current       | 3840 uA (5min 20°C)   |