

ALF40G181EC450

ALF40, Aluminum, Aluminum Electrolytic, 180 uF, 20%, 450 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 |
| Typical Component Weight | 57 g |
| Notes | Dimensions Include Slewing. |
| Shelf Life | 156 Weeks |

| Dimensions | |
|------------|--------------------|
| D | 40mm +1mm |
| L | 35mm +/-2mm |
| S | 25mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 72 |

| Specifications | |
|-------------------|--|
| Capacitance | 180 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 105C), 14000 Hrs (Rated Voltage at 105C) |
| ESR | 538 mOhms (100Hz 20C), 374 mOhms (10kHz 20C) |
| Ripple Current | 2.01 Amps (100Hz 105C), 4.7 Amps (10kHz 105C) |
| Leakage Current | 243 uA (5min 20°C) |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.