

ALC80A162BD100

Aliases (A547CF162M100A)

ALC80, Aluminum Electrolytic, 1,600 uF, 20%, 100 VDC, -40/+105°C



General Information

| | |
|------------------|---------------------------------------|
| Series | ALC80 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 2 Pin |
| AEC-Q200 | No |
| Halogen Free | Yes |
| Component Weight | 35 g |
| Notes | Dimensions D And L Include Sleevings. |
| Shelf Life | 156 Weeks |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1,600 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 100 VDC, 115 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C) |
| Resistance | 183.6 mOhms (100Hz 20C), 151.2 mOhms (10kHz 20C) |
| Ripple Current | 3.161 Amps (100Hz 105C), 4.448 Amps (10kHz 105C) |
| Leakage Current | 480 uA (5min 20°C) |

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

Dimensions

| | |
|----|---------------|
| D | 25mm +1mm |
| L | 40mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

| | |
|-----------|-----------|
| Sleevings | Yes |
| Packaging | Bulk, Bag |

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.