

ALC70D820CB600

ALC70, Aluminum, Aluminum Electrolytic, 82 uF, 20%, 600 VDC, -40/+85°C, 10 mm



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

| Dimensions | |
|------------|---------------|
| D | 30mm +1mm |
| L | 30mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 4mm +/-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 | 2 Pin Short |
| Halogen Free | Yes |
| Typical Component Weight | 40 g |
| Notes | Dimensions D And L Include Sleeving. |
| Shelf Life | 156 Weeks |

| Specifications | |
|-------------------|---------------------------------------------------------------------------------------|
| Capacitance | 82 uF |
| Tolerance | 20% |
| Voltage DC | 600 VDC, 660 VDC (Surge) |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Life | 13000 Hrs (Rated Voltage And Ripple Current At 85C), 21000 Hrs (Rated Voltage At 85C) |
| ESR | 1548 mOhms (100Hz 20C), 1067 mOhms (10kHz 20C) |
| Ripple Current | 1.034 Amps (100Hz 85C), 2.317 Amps (10kHz 85C) |
| Leakage Current | 295.2 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.