

ALF20G102FP600

ALF20, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 600 VDC, -40/+85°C, 25 mm



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

General Information

| | |
|--------------------------|-----------------------------|
| Series | ALF20 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 5 Pin Press-Fit |
| Typical Component Weight | 215 g |
| Notes | Dimensions Include Slewing. |
| Shelf Life | 156 Weeks |

| Dimensions | |
|------------|--------------------|
| D | 45mm +1mm |
| L | 105mm +/-2mm |
| S | 25mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 30 |

| Specifications | |
|-------------------|---|
| Capacitance | 1,000 uF |
| Tolerance | 20% |
| Voltage DC | 600 VDC, 660 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 | 136 mOhms (100Hz 20C), 94.8 mOhms (10kHz 20C) |
| Ripple Current | 5.74 Amps (100Hz 85C), 10.99 Amps (10kHz 85C) |
| Leakage Current | 3600 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.