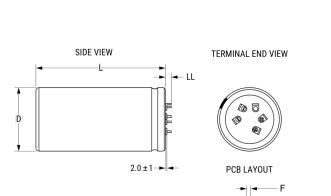




a YAGEO company

ALF70, Aluminum Electrolytic, 1,000 uF, 20%, 630 VDC, -40/+85°C



30°

30°

Click here for the 3D model.

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

Please see datasheet for details on PCB hole size and tolerance

Packaging Specifications		
Sleeving	Yes	
Packaging	Bulk	

General Information	
Series	ALF70
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Press-Fit, Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
AEC-Q200	No
Halogen Free	Yes
Component Weight	225 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

Specifications		
Capacitance	1,000 uF	
Capacitance Tolerance	20%	
Voltage DC	630 VDC, 690 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	145.1 mOhms (100Hz 20C), 98.25 mOhms (10kHz 20C)	
Ripple Current	5.548 Amps (100Hz 85C), 11.33 Amps (10kHz 85C)	
Leakage Current	3780 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.