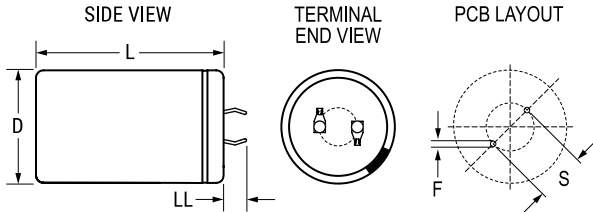


**KEMET Part Number: ALC70A181BD450**  
(A546CF181M450A)

ALC70, Aluminum Electrolytic, 180 uF, 20%, 450 VDC, -40/+85°C



Dimensions	
D	25mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-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
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	35 g
Notes:	Dimensions D And L Include Sleeving.
Shelf Life:	156 Weeks

Specifications	
Capacitance:	180 uF
Capacitance Tolerance:	20%
Voltage DC:	450 VDC, 495 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	10000 Hrs (Rated Voltage And Ripple Current At 85C), 16000 Hrs (Rated Voltage at 85C)
Resistance:	777.7 mOhms (100Hz 20C), 436.7 mOhms (10kHz 20C)
Ripple Current:	1.219 Amps (100Hz 85C), 2.945 Amps (10kHz 85C)
Leakage Current:	486 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.

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