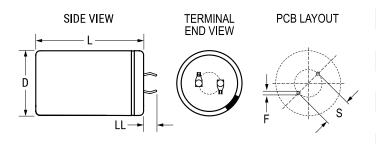
ALC70A181BD450

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





Click	hore	for	tha	3D	model

Dimensions			
D	25mm +1mm		
L	40mm +/-2mm		
S	10mm +/-0.1mm		
LL	6.3mm +/-1mm		
F	2mm +/-0.1mm		
Packaging Specifications			
Sleeving	Yes		

Tray

Packaging

General Information	
Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Halogen Free	Yes
Typical 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)	
ESR	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.

Generated 03/13/2025 © 2006 - 2025 YAGEO