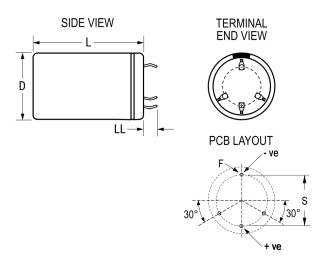


a YAGEO company

ALC40C152KP450

ALC40, Aluminum Electrolytic, 1,500 uF, 20%, 450 VDC, -40/+105°C



Click here for the 3D model.

Dimensions	
D	50mm +1mm
L	105mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications		
Packaging	Bulk, Bag	

Series ALC40 Dielectric Aluminum Electrolytic Description Snap-In, Aluminum Electrolytic RoHS Yes	
Description Snap-In, Aluminum Electrolytic	
RoHS Yes	
Lead 4 Pin	
AEC-Q200 No	
Component Weight 264 g	
Shelf Life 156 Weeks	

Specifications	
Capacitance	1,500 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C)
Resistance	86 mOhms (100Hz 20C), 59 mOhms (10kHz 20C)
Ripple Current	6.44 Amps (100Hz 105C), 11.85 Amps (10kHz 105C)
Leakage Current	2025 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.