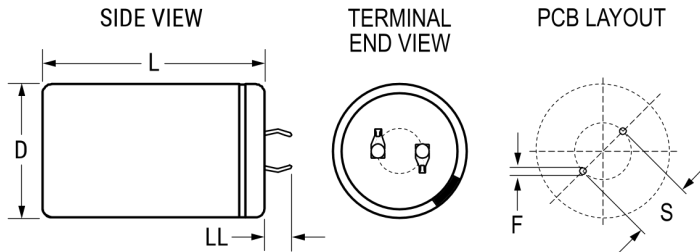


ALC80A271EB450

Aliases (A547HD271M450A)

ALC80, Aluminum Electrolytic, 270 uF, 20%, 450 VDC, -40/+105°C



General Information

Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	55 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

Specifications

Capacitance	270 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)
ESR	495.7 mOhms (100Hz 20C), 287.8 mOhms (10kHz 20C)
Ripple Current	1.965 Amps (100Hz 105C), 4.991 Amps (10kHz 105C)
Leakage Current	364.5 uA (5min 20°C)

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

Dimensions

D	40mm +1mm
L	30mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleevings	Yes
Packaging	Tray

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.