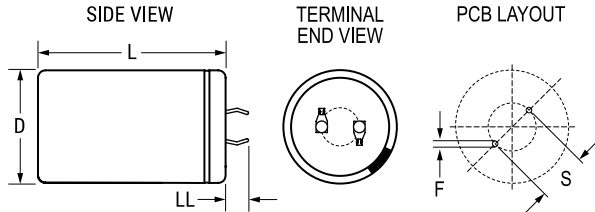


**KEMET Part Number: ALC80D431DF450**  
(A547EH431M450D)



ALC80, Aluminum Electrolytic, 430 uF, 20%, 450 VDC, -40/+105°C



General Information	
<b>Series:</b>	ALC80
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Snap-In, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>Lead:</b>	2 Pin Short
<b>AEC-Q200:</b>	No
<b>Halogen Free:</b>	Yes
<b>Component Weight:</b>	80 g
<b>Notes:</b>	Dimensions D And L Include Sleevings.
<b>Shelf Life:</b>	156 Weeks

Dimensions	
<b>D</b>	35mm +1mm
<b>L</b>	50mm +/-2mm
<b>S</b>	10mm +/-0.1mm
<b>LL</b>	4mm +/-1mm
<b>F</b>	2mm +/-0.1mm

Packaging Specifications	
<b>Sleevings:</b>	Yes
<b>Packaging:</b>	Bulk, Bag

Specifications	
<b>Capacitance:</b>	430 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	450 VDC, 495 VDC (Surge)
<b>Temperature Range:</b>	-40/+105°C
<b>Rated Temperature:</b>	105°C
<b>Life:</b>	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
<b>Resistance:</b>	304.2 mOhms (100Hz 20C), 175.8 mOhms (10kHz 20C)
<b>Ripple Current:</b>	2.647 Amps (100Hz 105C), 7.143 Amps (10kHz 105C)
<b>Leakage Current:</b>	580.5 uA (5min 20°C)

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