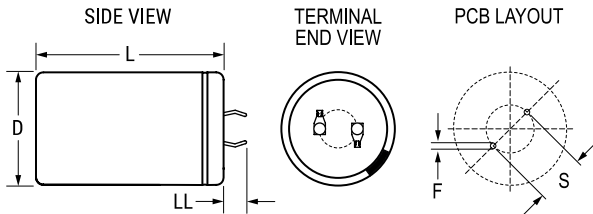


**KEMET Part Number: ALC80A331DF500**  
(A547EH331M500A)

ALC80, Aluminum Electrolytic, 330 uF, 20%, 500 VDC, -40/+105°C



**Dimensions**

Dimension	Value
D	35mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

**Packaging Specifications**

<b>Weight:</b>	80 g
<b>Packaging:</b>	Bulk, Bag

**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
<b>AEC-Q200:</b>	No
<b>Shelf Life:</b>	156 Weeks

**Specifications**

<b>Capacitance:</b>	330 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	500 VDC, 550 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>	517 mOhms (100Hz 20C), 358 mOhms (10kHz 20C)
<b>Ripple Current:</b>	2.39 Amps (100Hz 105C), 6.07 Amps (10kHz 105C)
<b>Leakage Current:</b>	495 uA (5min 20°C)