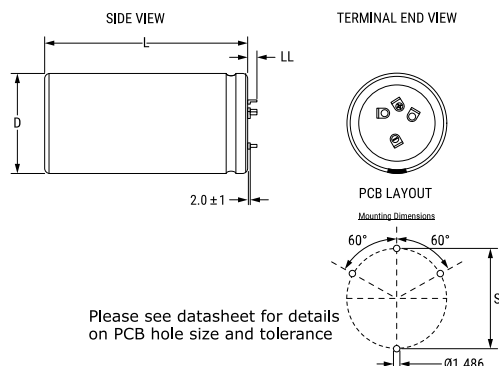


**KEMET Part Number: ALF80C561EF450**  
(A557HH561M450C)



ALF80, Aluminum Electrolytic, 560 uF, 20%, 450 VDC, -40/+105°C



### General Information

<b>Series:</b>	ALF80
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Style:</b>	Press-Fit
<b>Description:</b>	Press-Fit, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>Lead:</b>	4 Pin Press-Fit
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Dimensions D And L Include Slewing.
<b>Shelf Life:</b>	156 Weeks

### Dimensions

<b>D</b>	40mm +1mm
<b>L</b>	50mm +/-2mm
<b>S</b>	22.5mm +/-0.1mm
<b>LL</b>	5.5mm +/-1mm
<b>F</b>	1.486mm +/-0.076mm

### Packaging Specifications

<b>Weight:</b>	105 g
<b>Slewing:</b>	Yes
<b>Packaging:</b>	Bulk

### Specifications

<b>Capacitance:</b>	560 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>	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage at 105C)
<b>Resistance:</b>	240 mOhms (100Hz 20C), 139.7 mOhms (10kHz 20C)
<b>Ripple Current:</b>	3.2 Amps (100Hz 105C), 7.969 Amps (10kHz 105C)
<b>Leakage Current:</b>	756 uA (5min 20°C)

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