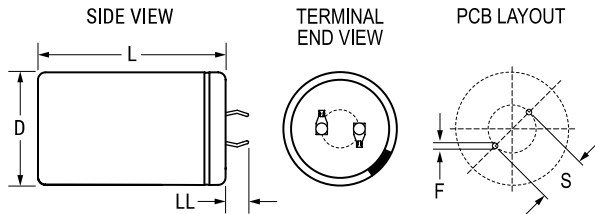


**KEMET Part Number: ALC70D822EF100**  
(A546HH822M100D)

ALC70, Aluminum Electrolytic, 8,200 uF, 20%, 100 VDC, -40/+85°C



**Dimensions**

<b>D</b>	40mm +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>Sleeving:</b>	Yes
<b>Packaging:</b>	Bulk, Bag

**General Information**

<b>Series:</b>	ALC70
<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>	105 g
<b>Notes:</b>	Dimensions D And L Include Sleeving.
<b>Shelf Life:</b>	156 Weeks

**Specifications**

<b>Capacitance:</b>	8,200 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	100 VDC, 115 VDC (Surge)
<b>Temperature Range:</b>	-40/+85°C
<b>Rated Temperature:</b>	85°C
<b>Life:</b>	18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage at 85C)
<b>Resistance:</b>	41.7 mOhms (100Hz 20C), 34.82 mOhms (10kHz 20C)
<b>Ripple Current:</b>	7.589 Amps (100Hz 85C), 9.035 Amps (10kHz 85C)
<b>Leakage Current:</b>	4920 uA (5min 20°C)

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