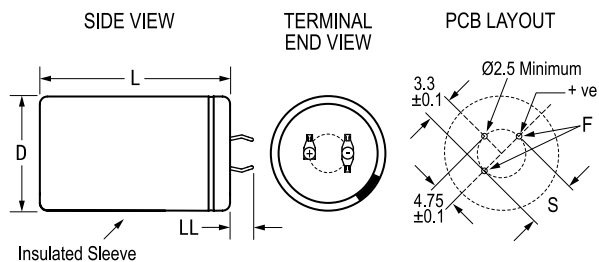


**KEMET Part Number: PEH536MDG4820M3**  
(A551EH822M063F)

PEH536, Aluminum Electrolytic, 8,200 uF, 20%, 63 VDC, -40/+105°C



**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	PEH536
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Snap-In, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>Lead:</b>	3 Pin Short
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Add 0.5mm To D And 1mm To L For Sleeving
<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

**Specifications**

<b>Capacitance:</b>	8,200 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	63 VDC
<b>Temperature Range:</b>	-40/+105°C
<b>Rated Temperature:</b>	105°C
<b>Life:</b>	4600 Hrs (Rated Voltage And Ripple Current At 105C), 6000 Hrs (Rated Voltage At 105C)
<b>Resistance:</b>	25 mOhms (100Hz 20C), 19 mOhms (100kHz 20C)
<b>Ripple Current:</b>	5 Amps (100Hz 105C), 17.9 Amps (20kHz 40C)
<b>Leakage Current:</b>	1550 uA (5min 20°C)

**Packaging Specifications**

<b>Weight:</b>	72 g
<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	100