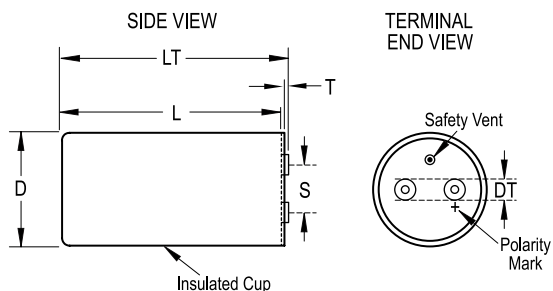


**KEMET Part Number: PEH169KC4680QU2**  
(A372GF682Q040A)



PEH169\_105, Aluminum Electrolytic, 6,800 uF, -10/+30%, 40 VDC, -40/+105°C



General Information	
<b>Series:</b>	PEH169_105
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Screw Terminal, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>AEC-Q200:</b>	No
<b>Halogen Free:</b>	Yes
<b>Component Weight:</b>	105 g
<b>Notes:</b>	Dimensions D And L Include Sleevings. MS (MxH) = M8x12.

Dimensions	
<b>D</b>	36.6mm +/-1mm
<b>L</b>	73.5mm +/-1mm
<b>T</b>	4.4mm NOM
<b>S</b>	13mm +/-0.5mm
<b>F</b>	8mm +/-0.5mm
<b>DT</b>	8mm NOM
<b>LT</b>	80.9mm +/-1mm

Specifications	
<b>Capacitance:</b>	6,800 uF
<b>Capacitance Tolerance:</b>	-10/+30%
<b>Voltage DC:</b>	40 VDC
<b>Temperature Range:</b>	-40/+105°C
<b>Rated Temperature:</b>	105°C
<b>Life:</b>	7000 Hrs (Rated Voltage And Ripple Current At 105C)
<b>Resistance:</b>	22 mOhms (100Hz 20C), 14 mOhms (100kHz 20C)
<b>Ripple Current:</b>	6.7 Amps (100Hz 105C), 32.6 Amps (10kHz 50C), 23.6 Amps (10kHz 40C)
<b>Leakage Current:</b>	4816 uA (5min 20°C)
<b>Inductance:</b>	12 nH (ESL)

Packaging Specifications	
<b>Sleevings:</b>	Yes
<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	42

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