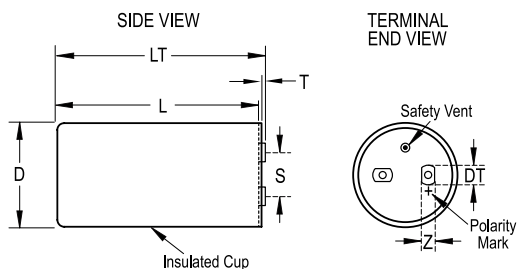


**KEMET Part Number: PEH169YO4100MU2**  
(A371QM102M450A)



PEH169, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C



General Information	
<b>Series:</b>	PEH169
<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>	415 g
<b>Notes:</b>	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
<b>Shelf Life:</b>	156 Weeks

Dimensions	
<b>D</b>	66.6mm +/-1mm
<b>L</b>	106mm +/-1mm
<b>T</b>	3.8mm NOM
<b>S</b>	28.5mm +/-0.5mm
<b>F</b>	15mm +/-0.5mm
<b>DT</b>	15mm NOM
<b>G</b>	13mm NOM
<b>LT</b>	113mm +/-1mm
<b>Z</b>	13mm NOM

Packaging Specifications	
<b>Sleeving:</b>	Yes
<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	12

Specifications	
<b>Capacitance:</b>	1,000 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	450 VDC
<b>Temperature Range:</b>	-40/+85°C
<b>Rated Temperature:</b>	85°C
<b>Life:</b>	21000 Hrs (Rated Voltage And Ripple Current At 85C)
<b>Resistance:</b>	82 mOhms (100Hz 20C), 52 mOhms (100kHz 20C)
<b>Ripple Current:</b>	6.4 Amps (100Hz 85C), 18.5 Amps (10kHz 50C), 16 Amps (10kHz 40C)
<b>Leakage Current:</b>	5350 uA (5min 20°C)
<b>Inductance:</b>	16 nH (ESL)

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