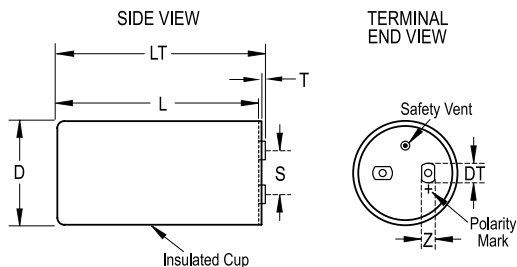


**KEMET Part Number: PEH169QU510VMU2**  
(A371SP103M160A)



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PEH169, Aluminum Electrolytic, 10,000 uF, 20%, 160 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> | 640 g  |
| <b>Notes:</b>            | Dimensions D And L Include Slewing. MS (MxH) = M12x16. |
| <b>Shelf Life:</b>       | 156 Weeks  |

| Dimensions |               |
|------------|---------------|
| <b>D</b>   | 76.6mm +/-1mm |
| <b>L</b>   | 118mm +/-1mm  |
| <b>T</b>   | 3.8mm NOM     |
| <b>S</b>   | 32mm +/-0.5mm |
| <b>F</b>   | 15mm +/-0.5mm |
| <b>DT</b>  | 15mm NOM      |
| <b>G</b>   | 13mm NOM      |
| <b>LT</b>  | 125mm +/-1mm  |
| <b>Z</b>   | 13mm NOM      |

| Specifications                |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 10,000 uF   |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 160 VDC   |
| <b>Temperature Range:</b>     | -40/+85°C   |
| <b>Rated Temperature:</b>     | 85°C  |
| <b>Life:</b>                  | 28000 Hrs (Rated Voltage And Ripple Current At 85C)               |
| <b>Resistance:</b>            | 16 mOhms (100Hz 20C), 10 mOhms (100kHz 20C)                       |
| <b>Ripple Current:</b>        | 17 Amps (100Hz 85C), 53.6 Amps (10kHz 50C), 41.7 Amps (10kHz 40C) |
| <b>Leakage Current:</b>       | 8800 uA (5min 20°C)   |
| <b>Inductance:</b>            | 17 nH (ESL)   |

| Packaging Specifications   |           |
|----------------------------|-----------|
| <b>Slewing:</b>            | Yes       |
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 9         |

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