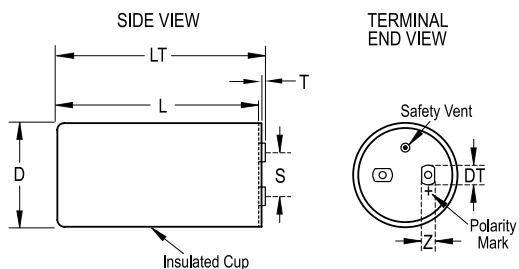


**KEMET Part Number: PEH200XV4470MU2**  
(A351ST472M385A)

PEH200, Aluminum Electrolytic, 4,700 uF, 20%, 385 VDC, -40/+85°C



**General Information**

|                      |  |
|----------------------|--|
| <b>Series:</b>       | PEH200   |
| <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>Notes:</b>        | Dimensions D And L Include Slewing. MS (MxS) = M12x16. |
| <b>Shelf Life:</b>   | 156 Weeks  |

**Dimensions**

|           |               |
|-----------|---------------|
| <b>D</b>  | 76.6mm +/-1mm |
| <b>L</b>  | 146mm +/-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> | 153mm +/-1mm  |
| <b>Z</b>  | 13mm NOM      |

**Specifications**

|                               |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 4,700 uF  |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 385 VDC   |
| <b>Temperature Range:</b>     | -40/+85°C   |
| <b>Rated Temperature:</b>     | 85°C  |
| <b>Life:</b>                  | 19000 Hrs (Rated Voltage And Ripple Current At 85C)                 |
| <b>Resistance:</b>            | 19 mOhms (100Hz 20C), 11 mOhms (100kHz 20C)                         |
| <b>Ripple Current:</b>        | 15.2 Amps (100Hz 85C), 57.6 Amps (10kHz 50C), 43.9 Amps (10kHz 40C) |
| <b>Leakage Current:</b>       | 9428.5 uA (5min 20°C)   |
| <b>Inductance:</b>            | 17 nH (ESL)   |

**Packaging Specifications**

|                            |           |
|----------------------------|-----------|
| <b>Weight:</b>             | 800 g     |
| <b>Slewing:</b>            | Yes       |
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 9         |