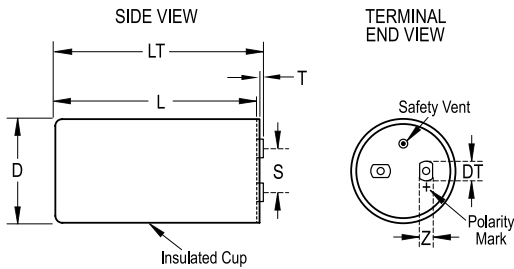


**KEMET Part Number: PEH200YT4220MU2**  
(A351SM222M450A)

PEH200, Aluminum Electrolytic, 2,200 uF, 20%, 450 VDC, -40/+85°C



| General Information |   |
|---------------------|---|
| <b>Supplier:</b>    | KEMET   |
| <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>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>   | 106mm +/-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>  | 113mm +/-1mm  |
| <b>Z</b>   | 13mm NOM      |

| Specifications                |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 2,200 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>                  | 19000 Hrs (Rated Voltage And Ripple Current At 85C)                 |
| <b>Resistance:</b>            | 29 mOhms (100Hz 20C), 15 mOhms (100kHz 20C)                         |
| <b>Ripple Current:</b>        | 12.1 Amps (100Hz 85C), 50.1 Amps (10kHz 50C), 35.6 Amps (10kHz 40C) |
| <b>Leakage Current:</b>       | 6970 uA (5min 20°C)   |
| <b>Inductance:</b>            | 17 nH (ESL)   |

| Packaging Specifications   |           |
|----------------------------|-----------|
| <b>Weight:</b>             | 585 g     |
| <b>Slewing:</b>            | Yes       |
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 9         |