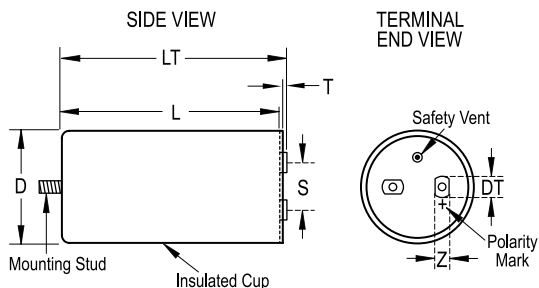


**KEMET Part Number: PEH200YK4100MB2**  
(A451MM102M450A)



PEH200, Aluminum Electrolytic, 1,000 uF, 20%, 450 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>Mounting:</b>     | Stud   |
| <b>AEC-Q200:</b>     | No   |
| <b>Halogen Free:</b> | Yes  |
| <b>Notes:</b>        | Dimensions D And L Include Slewing. MS = M12x16. |
| <b>Shelf Life:</b>   | 156 Weeks  |

| Dimensions |                |
|------------|----------------|
| <b>D</b>   | 51.6mm +/-1mm  |
| <b>L</b>   | 103.5mm +/-1mm |
| <b>T</b>   | 4.9mm NOM      |
| <b>S</b>   | 22mm           |
| <b>DT</b>  | 15mm NOM       |
| <b>LT</b>  | 111.4mm +/-1mm |
| <b>Z</b>   | 13mm NOM       |

| 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>                  | 12000 Hrs (Rated Voltage And Ripple Current At 85C)                |
| <b>Resistance:</b>            | 60 mOhms (100Hz 20C), 29 mOhms (100kHz 20C)                        |
| <b>Ripple Current:</b>        | 6.7 Amps (100Hz 85C), 32.7 Amps (10kHz 50C), 23.6 Amps (10kHz 40C) |
| <b>Leakage Current:</b>       | 5350 uA (5min 20°C)  |
| <b>Inductance:</b>            | 16 nH (ESL)  |

| Packaging Specifications   |           |
|----------------------------|-----------|
| <b>Weight:</b>             | 265 g     |
| <b>Slewing:</b>            | Yes       |
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 20        |

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