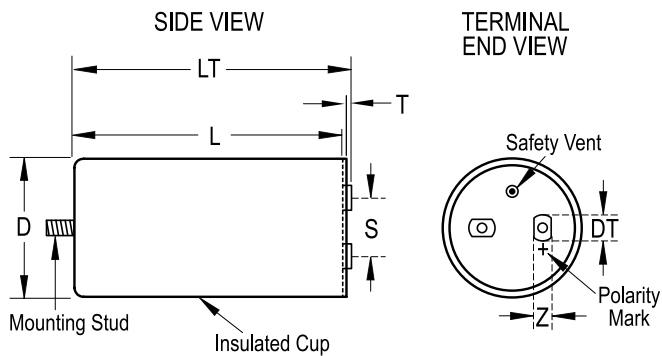


## PEH200YO418AMB2

Aliases (A451QM182M450A)

PEH200, Aluminum, Aluminum Electrolytic, 1,800 uF, 20%, 450 VDC, -40/+85°C, 28.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Series                   | PEH200                                           |
| Dielectric               | Aluminum Electrolytic                            |
| Description              | Screw Terminal, Aluminum Electrolytic            |
| RoHS                     | Yes                                              |
| Lead                     | Oval Threaded Inserts M5                         |
| Mounting                 | Through-Hole                                     |
| Optional Mounting        | Stud                                             |
| AEC-Q200                 | No                                               |
| Halogen Free             | Yes                                              |
| Typical Component Weight | 415 g                                            |
| Notes                    | Dimensions D And L Include Slewing. MS = M12x16. |
| Shelf Life               | 156 Weeks                                        |

### Specifications

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Capacitance       | 1,800 uF                                                          |
| Tolerance         | 20%                                                               |
| Voltage DC        | 450 VDC                                                           |
| Temperature Range | -40/+85°C                                                         |
| Rated Temperature | 85°C                                                              |
| Life              | 15000 Hrs (Rated Voltage And Ripple Current At 85C)               |
| ESR               | 43 mOhms (100Hz 20C), 22 mOhms (100kHz 20C)                       |
| Ripple Current    | 10.6 Amps (100Hz 85C), 47.8 Amps (10kHz 50C), 34 Amps (10kHz 40C) |
| Leakage Current   | 6430 uA (5min 20°C)                                               |
| Inductance        | 17 nH (ESL)                                                       |

### Dimensions

|    |               |
|----|---------------|
| D  | 66.6mm +/-1mm |
| L  | 106mm +/-1mm  |
| T  | 3.8mm NOM     |
| S  | 28.5mm        |
| DT | 15mm NOM      |
| LT | 113mm +/-1mm  |
| Z  | 13mm NOM      |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Slewing            | Yes       |
| Packaging          | Bulk, Bag |
| Packaging Quantity | 12        |

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