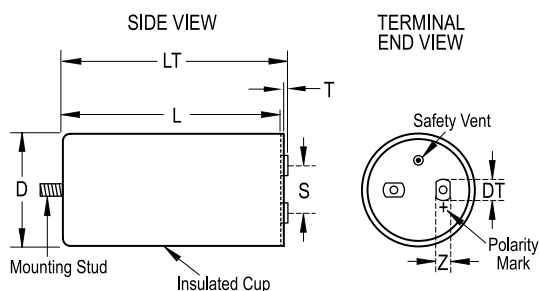


**KEMET Part Number: PEH169PO5100QB2**  
(A472QM103Q100A)



PEH169\_105, Aluminum Electrolytic, 10,000 uF, -10/+30%, 100 VDC, -40/+105°C



#### General Information

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| <b>Series:</b>           | PEH169_105                                           |
| <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>Component Weight:</b> | 415 g                                                |
| <b>Notes:</b>            | Dimensions D And L Include Slewing. M5. MS = M12x16. |

#### Dimensions

|           |                 |
|-----------|-----------------|
| <b>D</b>  | 66.6mm +/-1mm   |
| <b>L</b>  | 106mm +/-1mm    |
| <b>T</b>  | 3.8mm NOM       |
| <b>S</b>  | 28.5mm +/-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        |

#### Packaging Specifications

|                            |           |
|----------------------------|-----------|
| <b>Slewing:</b>            | Yes       |
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 12        |

#### Specifications

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| <b>Capacitance:</b>           | 10,000 uF                                                            |
| <b>Capacitance Tolerance:</b> | -10/+30%                                                             |
| <b>Voltage DC:</b>            | 100 VDC                                                              |
| <b>Temperature Range:</b>     | -40/+105°C                                                           |
| <b>Rated Temperature:</b>     | 105°C                                                                |
| <b>Life:</b>                  | 10000 Hrs (Rated Voltage And Ripple Current At 105C)                 |
| <b>Resistance:</b>            | 14 mOhms (100Hz 20C), 10 mOhms (100kHz 20C)                          |
| <b>Ripple Current:</b>        | 11.7 Amps (100Hz 105C), 49.1 Amps (10kHz 50C), 36.6 Amps (10kHz 40C) |
| <b>Leakage Current:</b>       | 7000 uA (5min 20°C)                                                  |
| <b>Inductance:</b>            | 16 nH (ESL)                                                          |

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