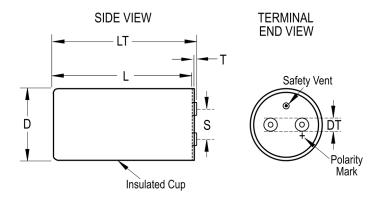


## PEH169YB3100MU2

Aliases (A371GD101M450A)

PEH169, Aluminum Electrolytic, 100 uF, 20%, 450 VDC, -40/+85°C



| General Information |   |
|---------------------|---|
| Series              | PEH169  |
| Dielectric          | Aluminum Electrolytic                                     |
| Description         | Screw Terminal, Aluminum Electrolytic                     |
| RoHS                | Yes   |
| AEC-Q200            | No  |
| Halogen Free        | Yes   |
| Component<br>Weight | 85 g  |
| Notes               | Dimensions D And L Include Sleeving. MS<br>(MxH) = M8x12. |
| Shelf Life          | 156 Weeks   |

Click here for the 3D model.

| Dimensions |               |
|------------|---------------|
| D          | 36.6mm +/-1mm |
| L          | 59.5mm +/-1mm |
| т          | 4.4mm NOM     |
| S          | 13mm +/-0.5mm |
| F          | 8mm +/-0.5mm  |
| DT         | 8mm NOM       |
| LT         | 66.9mm +/-1mm |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Sleeving                 | Yes       |  |
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 42        |  |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 100 uF  |
| Capacitance<br>Tolerance | 20%   |
| Voltage DC               | 450 VDC   |
| Temperature<br>Range     | -40/+85°C   |
| Rated<br>Temperature     | 85°C  |
| Life                     | 14000 Hrs (Rated Voltage And Ripple Current At 85C)                 |
| Resistance               | 800 mOhms (100Hz 20C), 490 mOhms<br>(100kHz 20C)                    |
| Ripple Current           | 1.3 Amps (100Hz 85C), 4.4 Amps (10kHz 50C),<br>3.6 Amps (10kHz 40C) |
| Leakage Current          | 4135 uA (5min 20°C)   |
| Inductance               | 12 nH (ESL)   |
|                          |   |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.