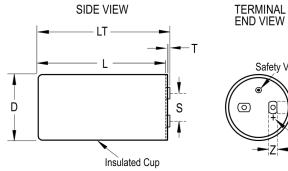
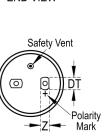


## **PEH169VY447VMU2**

Aliases (A371VT472M400A)

PEH169, Aluminum Electrolytic, 4,700 uF, 20%, 400 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 | 1400 g   |
| Notes               | Dimensions D And L Include Sleeving. MS<br>(MxH) = M12x16. |
| Shelf Life          | 156 Weeks  |

Click here for the 3D model.

| Dimensions |                |
|------------|----------------|
| D          | 91.6mm +/-1mm  |
| L          | 145.5mm +/-1mm |
| т          | 3.7mm NOM      |
| S          | 32mm +/-0.5mm  |
| F          | 15mm +/-0.5mm  |
| DT         | 15mm NOM       |
| G          | 13mm NOM       |
| LT         | 152.4mm +/-1mm |
| Z          | 13mm NOM       |

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 4,700 uF   |
| Capacitance<br>Tolerance | 20%  |
| Voltage DC               | 400 VDC  |
| Temperature<br>Range     | -40/+85°C  |
| Rated<br>Temperature     | 85°C   |
| Life                     | 38000 Hrs (Rated Voltage And Ripple Current<br>At 85C), 78000 Hrs (Rated Voltage At 85C) |
| Resistance               | 25 mOhms (100Hz 20C), 17 mOhms (100kHz<br>20C)   |
| Ripple Current           | 16.8 Amps (100Hz 85C), 48.1 Amps (10kHz<br>50C), 39.3 Amps (10kHz 40C)                   |
| Leakage Current          | 9640 uA (5min 20°C)  |
| Inductance               | 16 nH (ESL)  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Sleeving                 | Yes       |  |
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 6         |  |

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.