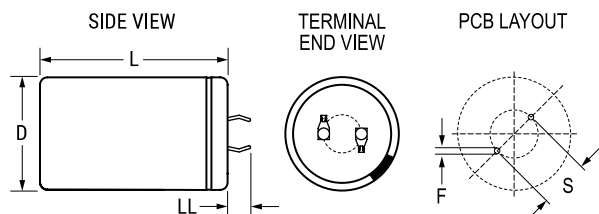


**KEMET Part Number: PEH532VBF3270M2**  
(A541CG271M400A)



PEH532, Aluminum Electrolytic, 270 uF, 20%, 400 VDC, -40/+105°C



#### General Information

|                          |                                           |
|--------------------------|-------------------------------------------|
| <b>Series:</b>           | PEH532                                    |
| <b>Dielectric:</b>       | Aluminum Electrolytic                     |
| <b>Description:</b>      | Snap-In, Aluminum Electrolytic            |
| <b>RoHS:</b>             | Yes                                       |
| <b>Lead:</b>             | 2 Pin                                     |
| <b>AEC-Q200:</b>         | No                                        |
| <b>Component Weight:</b> | 30 g                                      |
| <b>Notes:</b>            | Add 0.5mm To D And 1mm To L For sleeving. |
| <b>Shelf Life:</b>       | 208 Weeks                                 |

#### Dimensions

|           |               |
|-----------|---------------|
| <b>D</b>  | 25mm +/-0.5mm |
| <b>L</b>  | 45mm +/-1mm   |
| <b>S</b>  | 10mm +/-0.1mm |
| <b>LL</b> | 6.3mm +/-1mm  |
| <b>F</b>  | 2mm +/-0.1mm  |

#### Packaging Specifications

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 100       |

#### Specifications

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| <b>Capacitance:</b>           | 270 uF                                                                                |
| <b>Capacitance Tolerance:</b> | 20%                                                                                   |
| <b>Voltage DC:</b>            | 400 VDC                                                                               |
| <b>Temperature Range:</b>     | -40/+105°C                                                                            |
| <b>Rated Temperature:</b>     | 105°C                                                                                 |
| <b>Life:</b>                  | 1500 Hrs (Rated Voltage And Ripple Current At 105C), 2000 Hrs (Rated Voltage At 105C) |
| <b>Resistance:</b>            | 420 mOhms (100Hz 20C), 260 mOhms (100kHz 20C)                                         |
| <b>Ripple Current:</b>        | 1.1 Amps (100Hz 105C), 3 Amps (20kHz 40C)                                             |
| <b>Leakage Current:</b>       | 324 uA (5min 20°C)                                                                    |

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