## KEMET Part Number: PEH536JCC4560M3



## PEH536, Aluminum Electrolytic, 5,600 uF, 20%, 35 VDC, -40/+105°C



| General Information |  |  |
|---------------------|--|--|
| Series:             | PEH536                                       |  |
| Dielectric:         | Aluminum Electrolytic                        |  |
| Description:        | Snap-In, Aluminum Electrolytic               |  |
| RoHS:               | Yes  |  |
| Lead:               | 3 Pin Short                                  |  |
| AEC-Q200:           | No   |  |
| Component Weight:   | 29 g   |  |
| Notes:              | Add 0.5mm To D And 1mm To L<br>For Sleeving. |  |
| Shelf Life:         | 208 Weeks                                    |  |

| Dimensions |               |  |
|------------|---------------|--|
| D          | 30mm +/-0.5mm |  |
| L          | 30mm +/-1mm   |  |
| S          | 10mm +/-0.1mm |  |
| LL         | 4mm +/-1mm    |  |
| F          | 2mm +/-0.1mm  |  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 100       |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 5,600 uF  |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 35 VDC  |
| Temperature Range:     | -40/+105°C  |
| Rated Temperature:     | 105°C   |
| Life:                  | 4600 Hrs (Rated Voltage And<br>Ripple Current At 105C), 6000<br>Hrs (Rated Voltage At 105C) |
| Resistance:            | 53 mOhms (100Hz 20C), 43<br>mOhms (100kHz 20C)  |
| Ripple Current:        | 2.4 Amps (100Hz 105C), 7.8<br>Amps (20kHz 40C)  |
| Leakage Current:       | 588 uA (5min 20°C)  |

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