

PEH506, Aluminum Electrolytic, 120 uF, 20%, 400 VDC, -40/+85°C



| General Information |   |
|---------------------|---|
| Series:             | PEH506                                    |
| Dielectric:         | Aluminum Electrolytic                     |
| Description:        | Snap-In, Aluminum Electrolytic            |
| RoHS:               | Yes                                       |
| Lead:               | 3 Pin Short                               |
| AEC-Q200:           | No  |
| Component Weight:   | 21 g                                      |
| Notes:              | Add 0.5mm To D And 1mm To L For Sleeving. |
| Shelf Life:         | 208 Weeks                                 |

| Dimensions |               |
|------------|---------------|
| D          | 25mm +/-0.5mm |
| L          | 30mm +/-1mm   |
| S          | 10mm +/-0.1mm |
| LL         | 4mm +/-1mm    |
| F          | 2mm +/-0.1mm  |

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

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 120 uF  |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 400 VDC   |
| Temperature Range:     | -40/+85°C   |
| Rated Temperature:     | 85°C  |
| Life:                  | 3000 Hrs (Rated Voltage And Ripple Current At 85C), 6000 Hrs (Rated Voltage At 85C) |
| Resistance:            | 930 mOhms (100Hz 20C), 570 mOhms (100kHz 20C)                                       |
| Ripple Current:        | 1 Amps (100Hz 85C), 4.2 Amps (20kHz 40C)  |
| Leakage Current:       | 144 uA (5min 20°C)  |

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