

PEH506, Aluminum Electrolytic, 1,000 uF, 20%, 200 VDC, -40/+85°C



| General Information |                                           |
|---------------------|-------------------------------------------|
| Series:             | PEH506                                    |
| Dielectric:         | Aluminum Electrolytic                     |
| Description:        | Snap-In, Aluminum Electrolytic            |
| RoHS:               | Yes                                       |
| Lead:               | 4 Pin                                     |
| AEC-Q200:           | No                                        |
| Component Weight:   | 48 g                                      |
| Notes:              | Add 0.5mm To D And 1mm To L For Sleeving. |
| Shelf Life:         | 208 Weeks                                 |

| Dimensions |               |
|------------|---------------|
| D          | 35mm +/-0.5mm |
| L          | 35mm +/-1mm   |
| S          | 22.5mm NOM    |
| LL         | 6.3mm +/-1mm  |
| F          | 2mm +/-0.1mm  |

| Specifications         |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| Capacitance:           | 1,000 uF                                                                            |
| Capacitance Tolerance: | 20%                                                                                 |
| Voltage DC:            | 200 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:            | 170 mOhms (100Hz 20C), 100 mOhms (100kHz 20C)                                       |
| Ripple Current:        | 2.5 Amps (100Hz 85C), 7.2 Amps (20kHz 40C)                                          |
| Leakage Current:       | 600 uA (5min 20°C)                                                                  |

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

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