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**General Information**

|                          |  |
|--------------------------|--|
| Series                   | PEB227                                     |
| Dielectric               | Aluminum Electrolytic                      |
| Style                    | Vertical SMD                               |
| Description              | Radial Surface Mount Aluminum Electrolytic |
| RoHS                     | Yes  |
| Lead                     | Radial SMD                                 |
| Qualifications           | AEC-Q200                                   |
| Halogen Free             | Yes  |
| Typical Component Weight | 12.5 g                                     |
| Shelf Life               | 520 Weeks                                  |

**Specifications**

|                   |  |
|-------------------|--|
| Capacitance       | 3,000 uF   |
| Tolerance         | -10/+30%   |
| Voltage DC        | 40 VDC, 32 VDC (150C)  |
| Temperature Range | -40/+125°C   |
| Rated Temperature | 150°C  |
| Life              | 8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C) |
| ESR               | 18 mOhms (100Hz 20C), 8.7 mOhms (100kHz 20C)                       |
| Ripple Current    | 21.2 Amps Maximum with heat-sink (5kHz 125C)                       |
| Leakage Current   | 364 uA (5min 20°C)   |

**Dimensions**

|   |                |
|---|----------------|
| D | 18mm +/-0.5mm  |
| L | 36.9mm +/-1mm  |
| T | 1.5mm +/-0.3mm |
| S | 1.5mm +/-0.3mm |
| E | 20mm +/-0.5mm  |

**Packaging Specifications**

|           |      |
|-----------|------|
| Packaging | Tray |
|-----------|------|

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