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**General Information**

|                          |  |
|--------------------------|--|
| Series                   | PEV228                                     |
| 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 | 13 g                                       |
| Shelf Life               | 520 Weeks                                  |

**Specifications**

|                   |   |
|-------------------|---|
| Capacitance       | 1,700 uF  |
| Tolerance         | -10/+30%  |
| Voltage DC        | 40 VDC  |
| Temperature Range | -40/+150°C  |
| Rated Temperature | 150°C   |
| Life              | 8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)        |
| ESR               | 54.5 mOhms (100Hz 20C), 24.2 mOhms (100kHz 20C), 11 mOhms (5-100kHz 150C) |
| Ripple Current    | 18.8 Amps Maximum with heat-sink (5kHz 125C)                              |
| Leakage Current   | 208 uA (5min 20°C)  |

**Dimensions**

|   |                 |
|---|-----------------|
| D | 18mm +/-0.5mm   |
| L | 28.9mm +/-1mm   |
| T | 2.5mm +/-0.3mm  |
| S | 3mm +/-0.3mm    |
| E | 24.5mm +/-0.5mm |

**Packaging Specifications**

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

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