



Click [here](#) for the 3D model.

General Information

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|--------------------------|--|
| Series | PES227 |
| Dielectric | Aluminum Electrolytic |
| Style | Horizontal SMD |
| Description | Radial Surface Mount Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Radial SMD |
| Qualifications | AEC-Q200 |
| Halogen Free | Yes |
| Typical Component Weight | 15 g |
| Shelf Life | 520 Weeks |

Specifications

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|-------------------|---|
| Capacitance | 1,100 uF |
| Tolerance | -10/+30% |
| Voltage DC | 63 VDC, 54 VDC (150C) |
| Temperature Range | -40/+125°C |
| Rated Temperature | 150°C |
| Life | 6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C) |
| ESR | 76 mOhms (100Hz 20C), 32 mOhms (100kHz 20C), 16 mOhms (5-100kHz 150C) |
| Ripple Current | 14.9 Amps Maximum with heat-sink (5kHz 125C) |
| Leakage Current | 211.9 uA (5min 20°C) |

Dimensions

| | |
|----|-----------------|
| L | 43mm +/-1mm |
| L1 | 49.2mm +/-1mm |
| W | 18mm +/-0.5mm |
| H | 17.2mm +/-0.5mm |
| T | 4mm +/-0.3mm |

Packaging Specifications

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

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