



Note: '()' correspond to the letters used in the product bulletin

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

**General Information**

|                          |   |
|--------------------------|---|
| Series                   | PEG227  |
| Dielectric               | Aluminum Electrolytic                                   |
| Style                    | Axial   |
| Description              | Vibration Resistant Ultra High CV Aluminum Electrolytic |
| RoHS                     | Yes   |
| Lead                     | Wire Leads  |
| Qualifications           | AEC-Q200  |
| Halogen Free             | Yes   |
| Typical Component Weight | 14 g  |
| Shelf Life               | 156 Weeks   |

**Specifications**

|                   |   |
|-------------------|---|
| Capacitance       | 6,200 uF  |
| Tolerance         | -10/+30%  |
| Voltage DC        | 25 VDC, 18 VDC (150C)   |
| Temperature Range | -40/+150°C  |
| Rated Temperature | 125°C   |
| Life              | 8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)  |
| ESR               | 27 mOhms (100Hz 20C), 18 mOhms (100kHz 20C), 8.4 mOhms (5-100kHz 150C)  |
| Ripple Current    | 21.6 Amps (5kHz 125C, With Heat Sink), 13.6 Amps (5kHz 140C, With Heat Sink), 6.1 Amps (5kHz 150C, With Heat Sink), 8.3 Amps (5kHz 125C), 10.5 Amps (5kHz 125C Max) |
| Leakage Current   | 469 uA (5min 20°C)  |

**Dimensions**

|    |                 |
|----|-----------------|
| D  | 18.2mm +/-0.5mm |
| L  | 34.7mm +/-1mm   |
| L1 | 41mm MIN        |
| LL | 40mm +/-2mm     |
| F  | 1mm +/-0.03mm   |

**Packaging Specifications**

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

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