









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

Click here for the 3D model.

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

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

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

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

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