



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 | 3,000 uF |
| Tolerance | -10/+30% |
| Voltage DC | 40 VDC, 32 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 | 35 mOhms (100Hz 20C), 18 mOhms (100kHz 20C), 8.7 mOhms (5-100kHz 150C) |
| Ripple Current | 21.2 Amps (5kHz 125C, With Heat Sink), 13.4 Amps (5kHz 140C, With Heat Sink), 6 Amps (5kHz 150C, With Heat Sink), 8.2 Amps (5kHz 125C), 10.4 Amps (5kHz 125C Max) |
| Leakage Current | 364 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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