



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

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

General Information

| | |
|--------------------------|---|
| Series | PEG127 |
| Dielectric | Aluminum Electrolytic |
| Style | Axial |
| Description | Vibration Resistant High Ripple Axial Aluminum Electrolytic |
| Features | Vibration Resistant, High Ripple |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |
| Typical Component Weight | 4 g |
| Notes | L1 is KEMET's recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per article. Dimensions D And L Include Slewing. |
| Shelf Life | 520 Weeks |

Dimensions

| | |
|----|-----------------|
| D | 13mm +/-0.5mm |
| L | 20mm +/-1mm |
| L1 | 26mm MIN |
| LL | 42mm +3/-2mm |
| F | 0.8mm +/-0.03mm |

Packaging Specifications

| | |
|-----------|-----------|
| Slewing | Yes |
| Packaging | Bulk, Bag |

Specifications

| | |
|-------------------|---|
| Capacitance | 270 uF |
| Tolerance | -10/+30% |
| Voltage DC | 40 VDC |
| Temperature Range | -40/+150°C |
| Rated Temperature | 150°C |
| Life | 1600 Hrs |
| ESR | 301 mOhms (100Hz 20C), 110 mOhms (100kHz 20C), 42 mOhms (5-100kHz 150C) |
| Ripple Current | 3.7 Amps (5kHz 100C), 2.7 Amps (5kHz 125C), 1.7 Amps (5kHz 140C), 0.77 Amps (5kHz 150C) |
| Leakage Current | 36 uA (5min 20°C) |

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