



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

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

### Dimensions

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

### Packaging Specifications

|           |      |
|-----------|------|
| Sleeving  | Yes  |
| Packaging | Tray |

### General Information

|                  |  |
|------------------|--|
| Series           | PEG127   |
| Dielectric       | Aluminum Electrolytic  |
| Style            | Axial  |
| Description      | Vibration Resistant High Ripple Axial Aluminum Electrolytic  |
| RoHS             | Yes  |
| Lead             | Wire Leads   |
| Qualifications   | AEC-Q200   |
| AEC-Q200         | Yes  |
| Halogen Free     | Yes  |
| 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 Sleeving. |
| Shelf Life       | 520 Weeks  |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 270 uF  |
| Capacitance Tolerance | -10/+30%  |
| Voltage DC            | 40 VDC  |
| Temperature Range     | -40/+150°C  |
| Rated Temperature     | 150°C   |
| Life                  | 1600 Hrs  |
| Resistance            | 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)   |