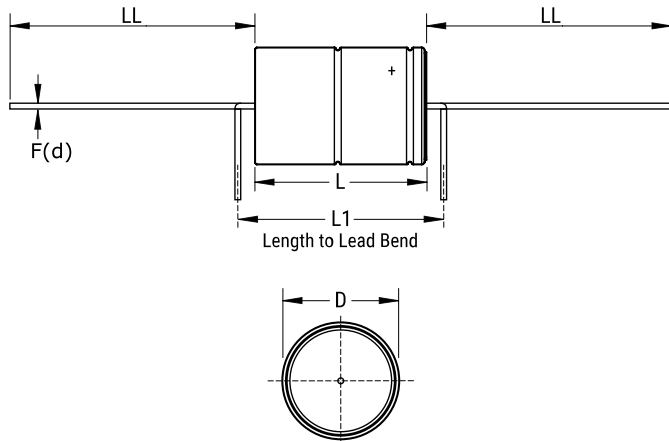




Note: '()' correspond to the letters used in the product bulletin

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 KEMETs 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  | 10mm +/-0.5mm   |
| L  | 29mm +/-1mm     |
| L1 | 35mm MIN        |
| LL | 42mm +3/-2mm    |
| F  | 0.8mm +/-0.03mm |

## Packaging Specifications

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

## Specifications

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| Capacitance       | 360 uF                                                                                  |
| Tolerance         | -10/+30%                                                                                |
| Voltage DC        | 25 VDC                                                                                  |
| Temperature Range | -40/+150°C                                                                              |
| Rated Temperature | 150°C                                                                                   |
| Life              | 1600 Hrs                                                                                |
| ESR               | 281 mOhms (100Hz 20C), 130 mOhms (100kHz 20C), 43 mOhms (5-100kHz 150C)                 |
| Ripple Current    | 3.5 Amps (5kHz 100C), 2.5 Amps (5kHz 125C), 1.6 Amps (5kHz 140C), 0.71 Amps (5kHz 150C) |
| Leakage Current   | 31 uA (5min 20°C)                                                                       |

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