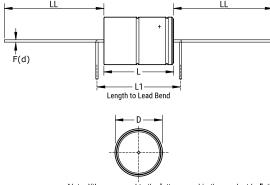
## KEMET Part Number: PEG127ME3230QL1



## PEG127, Aluminum Electrolytic, 230 uF, -10/+30%, 63 VDC, -40/+150°C



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

| Dimensions |                 |  |
|------------|-----------------|--|
| D          | 13mm +/-0.5mm   |  |
| L          | 37mm +/-1mm     |  |
| L1         | 43mm MIN        |  |
| LL         | 42mm +3/-2mm    |  |
| F          | 0.8mm +/-0.03mm |  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Sleeving:                | Yes       |  |
| Packaging:               | Bulk, Bag |  |

| General Information |   |
|---------------------|---|
| Series:             | PEG127  |
| Dielectric:         | Aluminum Electrolytic   |
| Style:              | Axial   |
| Description:        | Vibration Resistant High Ripple<br>Axial Aluminum Electrolytic  |
| Features:           | Vibration Resistant, High Ripple  |
| RoHS:               | Yes   |
| Lead:               | Wire Leads  |
| Qualifications:     | AEC-Q200  |
| AEC-Q200:           | Yes   |
| Halogen Free:       | Yes   |
| Component Weight:   | 7 g   |
| Notes:              | L1 is KEMETs recommendation<br>for minimum distance between<br>symmetrical Lead bend.<br>Available only for Customer<br>specific part numbers. Lead<br>bend dimensions must be<br>specified and confirmed per<br>article. Dimensions D And L<br>Include Sleeving. |
| Shelf Life:         | 520 Weeks   |

| Specifications         |   |  |
|------------------------|---|--|
| Capacitance:           | 230 uF  |  |
| Capacitance Tolerance: | -10/+30%  |  |
| Voltage DC:            | 63 VDC  |  |
| Temperature Range:     | -40/+150°C  |  |
| Rated Temperature:     | 150°C   |  |
| Life:                  | 1600 Hrs  |  |
| Resistance:            | 250 mOhms (100Hz 20C),<br>59 mOhms (100kHz 20C), 32<br>mOhms (5-100kHz 150C)                  |  |
| Ripple Current:        | 4.9 Amps (5kHz 100C), 3.5<br>Amps (5kHz 125C), 2.2 Amps<br>(5kHz 140C), 1 Amps (5kHz<br>150C) |  |
| Leakage Current:       | 47 uA (5min 20°C)   |  |

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