



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

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

General Information

| | |
|--------------------------|---|
| Series | PEG236 |
| Dielectric | Aluminum Electrolytic |
| Style | Axial |
| Description | Extremely High Ripple Axial Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |
| Typical Component Weight | 14 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. |
| Shelf Life | 520 Weeks |

Specifications

| | |
|-------------------|--|
| Capacitance | 560 uF |
| Tolerance | -10/+30% |
| Voltage DC | 40 VDC |
| Temperature Range | -40/+165°C |
| Rated Temperature | 165°C |
| Life | 9200 Hrs (Rated Voltage At 125C), 1000 Hrs (Rated Voltage At 165C) |
| ESR | 97 mOhms (100Hz 20C), 19 mOhms (100kHz 20C), 10.8 mOhms (5-100kHz 165C) |
| Ripple Current | 19 Amps (5kHz 140C, With Heat Sink), 12 Amps (5kHz 155C, With Heat Sink), 5.4 Amps (5kHz 165C, With Heat Sink), 7.5 Amps (5kHz 140C), 2.1 Amps (>=5kHz 165C Max) |
| Leakage Current | 71.2 uA (5min 20°C) |

Dimensions

| | |
|----|---------------|
| D | 18mm +/-0.5mm |
| L | 34.7mm +/-1mm |
| L1 | 41mm MIN |
| LL | 40mm +/-2mm |
| F | 1mm +/-0.03mm |

Packaging Specifications

| | |
|-----------|-----------|
| Packaging | Bulk, Box |
|-----------|-----------|

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