



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

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

Dimensions

| | |
|----|---------------|
| D | 16mm +/-0.5mm |
| L | 26.7mm +/-1mm |
| L1 | 33mm MIN |
| LL | 40mm +/-2mm |
| F | 1mm +/-0.03mm |

Packaging Specifications

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

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 |
| Component Weight | 8 g |

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 | 250 uF |
| Capacitance Tolerance | -10/+30% |
| Voltage DC | 40 VDC |
| Temperature Range | -40/+165°C |
| Rated Temperature | 165°C |
| Life | 7400 Hrs (Rated Voltage At 125C), 800 Hrs (Rated Voltage At 165C) |
| Resistance | 210 mOhms (100Hz 20C), 36 mOhms (100kHz 20C), 17.9 mOhms (5-100kHz 165C) |
| Ripple Current | 14.1 Amps (5kHz 140C, With Heat Sink), 8.9 Amps (5kHz 155C, With Heat Sink), 4 Amps (5kHz 165C, With Heat Sink), 5.1 Amps (5kHz 140C), 1.4 Amps (>=5kHz 165C Max) |
| Leakage Current | 34 uA (5min 20°C) |