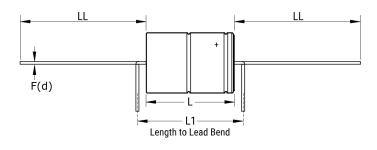


PEG236, Aluminum Electrolytic, 640 uF, -10/+30%, 40 VDC, -40/+165°C





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

Click here for the 3D model.

| Dimensions | |
|------------|---------------|
| D | 18mm +/-0.5mm |
| L | 38.7mm +/-1mm |
| L1 | 45mm MIN |
| LL | 40mm +/-2mm |
| F | 1mm +/-0.03mm |

| Packaging Specifications | | |
|--------------------------|------|--|
| Packaging | Tray | |

| General Informati | on |
|---------------------|---|
| 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 | 16 g |
| Notes | L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Availabl only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per article. |
| Shelf Life | 520 Weeks |

| Specifications | |
|--------------------------|--|
| Capacitance | 640 uF |
| Capacitance 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) |
| Resistance | 85 mOhms (100Hz 20C), 17 mOhms (100kHz 20C), 9.9 mOhms (5-100kHz 165C) |
| Ripple Current | 19.86 Amps (5kHz 140C, With Heat Sink), 12.6 Amps (5kHz 155C, With Heat Sink), 5.6 Amps (5kHz 165C, With Heat Sink), 7.9 Amps (5kHz 140C), 2.2 Amps (>=5kHz 165C Max) |
| Leakage Current | 80.8 uA (5min 20°C) |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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