



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

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

Dimensions

| | |
|----|-----------------|
| D | 16.2mm +/-0.5mm |
| L | 34.7mm +/-1mm |
| L1 | 41mm MIN |
| LL | 40mm +/-2mm |
| F | 1mm +/-0.03mm |

Packaging Specifications

| | |
|-----------|------|
| Sleeving | Yes |
| Packaging | Tray |

General Information

| | |
|------------------|--|
| Series | PEG225 |
| Dielectric | Aluminum Electrolytic |
| Style | Axial |
| Description | Vibration Resistant Extremely High Ripple Axial Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |
| Component Weight | 11 g |
| Miscellaneous | Rated Voltage Measured At 125C. |
| 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. Dimensions D And L Include Sleeving. |
| Shelf Life | 520 Weeks |

Specifications

| | |
|-----------------------|--|
| Capacitance | 680 uF |
| Capacitance Tolerance | -10/+30% |
| Voltage DC | 6.7 VDC (125C), 54 VDC (150C) |
| Temperature Range | -40/+150°C |
| Rated Temperature | 125°C |
| Life | 6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C) |
| Resistance | 109 mOhms (100Hz 20C), 37 mOhms (100kHz 20C), 18.7 mOhms (5-100kHz 150C) |
| Ripple Current | 13.8 Amps (5kHz 125C, With Heat Sink), 8.7 Amps (5kHz 140C, With Heat Sink), 3.9 Amps (5kHz 150C, Heat Sink), 5.3 Amps (5kHz 125C), 6.7 Amps (>=5kHz 125C Reduced Voltage) |
| Leakage Current | 132.5 uA (5min 20°C) |

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