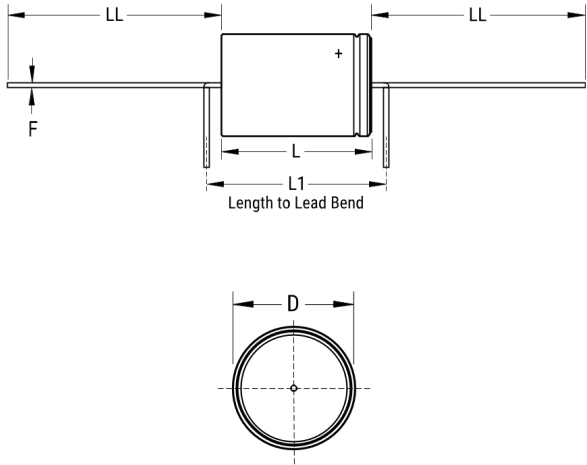


PEG124KB2680QL1

Obsolete

PEG124_125C, Aluminum Electrolytic, 68 uF, -10/+30%, 40 VDC, -40/+125°C



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

| Dimensions | |
|------------|-----------------|
| D | 10mm +/-0.5mm |
| L | 29mm +/-1mm |
| L1 | 35mm MIN |
| LL | 42mm +3/-2mm |
| F | 0.8mm +/-0.03mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |

| General Information | |
|--------------------------|---|
| Series | PEG124_125C |
| Dielectric | Aluminum Electrolytic |
| Style | Axial |
| Description | Long Life Axial Aluminum Electrolytic |
| Features | Long Life |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Halogen Free | Yes |
| Typical Component Weight | 4 g |
| Miscellaneous | Life Calculation Based On Maximum Ripple Current, Please Contact KEMET For More Information. |
| 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. |

| Specifications | |
|-----------------------|---|
| Capacitance | 68 uF |
| Capacitance Tolerance | -10/+30% |
| Voltage DC | 40 VDC |
| Temperature Range | -40/+125°C |
| Rated Temperature | 125°C |
| Life | 2000 Hrs |
| ESR | 1400 mOhms (100Hz 20C), 650 mOhms (100kHz 20C) |
| Ripple Current | 0.221 Amps (100Hz 125C), 1.5 Amps (5kHz 60C), 0.56 Amps (5kHz 125C) |
| Leakage Current | 8 uA (5min 20°C) |
| Inductance | 6 nH (ESL) |

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