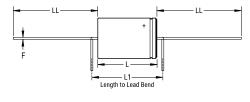
KEMET Part Number: PEG124KB2680QL1



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





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

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Weight: | 4 g | |
| Packaging: | Bulk, Bag | |
| Packaging Quantity: | 200 | |

| 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 | |
| Miscellaneous: | Life Calculation Based On Maximum Ripple Current, Please Contact KEMET For More Information. | |
| Notes: | L1 is KEMETs 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 | |
| Resistance: | 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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