



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

**General Information**

|                          |  |
|--------------------------|--|
| Series                   | PEG124_125C  |
| Dielectric               | Aluminum Electrolytic  |
| Style                    | Axial  |
| Description              | Long Life Axial Aluminum Electrolytic  |
| Features                 | Long Life  |
| RoHS                     | Yes  |
| Lead                     | Wire Leads   |
| Halogen Free             | Yes  |
| Typical Component Weight | 3 g  |
| 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.

| Dimensions |                 |
|------------|-----------------|
| D          | 10mm +/-0.5mm   |
| L          | 20mm +/-1mm     |
| L1         | 26mm MIN        |
| LL         | 31mm +3/-2mm    |
| F          | 0.8mm +/-0.03mm |

| Packaging Specifications |                   |
|--------------------------|-------------------|
| Packaging                | T&R, Plastic Tape |
| Packaging Quantity       | 500               |

| Specifications    |   |
|-------------------|---|
| Capacitance       | 47 uF   |
| Tolerance         | -10/+30%  |
| Voltage DC        | 25 VDC  |
| Temperature Range | -40/+125°C  |
| Rated Temperature | 125°C   |
| Life              | 2000 Hrs  |
| ESR               | 2400 mOhms (100Hz 20C), 1300 mOhms (100kHz 20C)                     |
| Ripple Current    | 0.141 Amps (100Hz 125C), 1.1 Amps (5kHz 60C), 0.44 Amps (5kHz 125C) |
| Leakage Current   | 4 uA (5min 20°C)  |
| Inductance        | 5 nH (ESL)  |

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