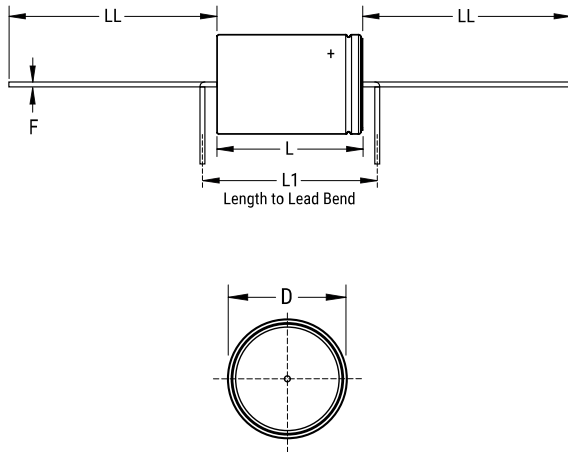


## PEG124PA147CQT1

PEG124, Aluminum, Aluminum Electrolytic, 4.7 uF, -10/+30%, 100 VDC, -40/+105°C



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | PEG124   |
| 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 | 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 And L Include Slewing. |
| Shelf Life               | 156 Weeks  |

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 4.7 uF   |
| Tolerance         | -10/+30%   |
| Voltage DC        | 100 VDC  |
| Temperature Range | -40/+105°C   |
| Rated Temperature | 105°C  |
| Life              | 8000 Hrs   |
| ESR               | 16000 mOhms (100Hz 20C), 2800 mOhms (100kHz 20C)                   |
| Ripple Current    | 0.05 Amps (100Hz 105C), 0.65 Amps (5kHz 60C), 0.2 Amps (5kHz 105C) |
| Leakage Current   | 5 uA (5min 20°C)   |
| Inductance        | 5 nH (ESL)   |

| Dimensions               |                   |
|--------------------------|-------------------|
| D                        | 10mm +/-0.5mm     |
| L                        | 20mm +/-1mm       |
| L1                       | 26mm MIN          |
| LL                       | 31mm +3/-2mm      |
| F                        | 0.8mm +/-0.03mm   |
| Packaging Specifications |                   |
| Slewing                  | Yes               |
| Packaging                | T&R, Plastic Tape |

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