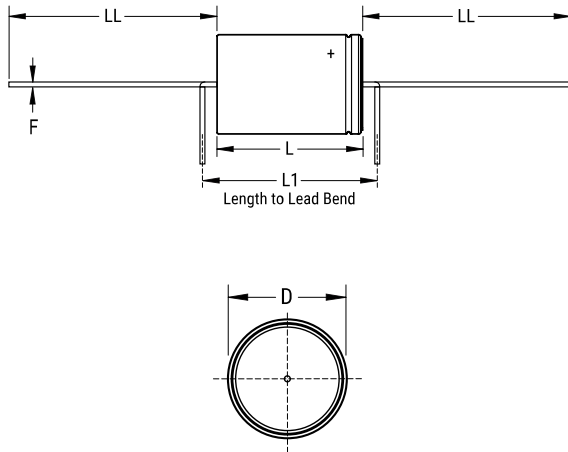


## PEG124HB3100QT1

PEG124\_125C, Aluminum, Aluminum Electrolytic, 100 uF, -10/+30%, 25 VDC, -40/+125°C



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                                                                                                                                                                                           |
| AEC-Q200                 | No                                                                                                                                                                                                   |
| Halogen Free             | Yes                                                                                                                                                                                                  |
| Typical Component Weight | 3.2 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  | 29mm +/-1mm     |
| L1 | 35mm MIN        |
| LL | 27mm +3/-2mm    |
| F  | 0.8mm +/-0.03mm |

### Packaging Specifications

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

### Specifications

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Capacitance       | 100 uF                                                              |
| Tolerance         | -10/+30%                                                            |
| Voltage DC        | 25 VDC                                                              |
| Temperature Range | -40/+125°C                                                          |
| Rated Temperature | 125°C                                                               |
| Life              | 2000 Hrs                                                            |
| ESR               | 1200 mOhms (100Hz 20C), 670 mOhms (100kHz 20C)                      |
| Ripple Current    | 0.255 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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