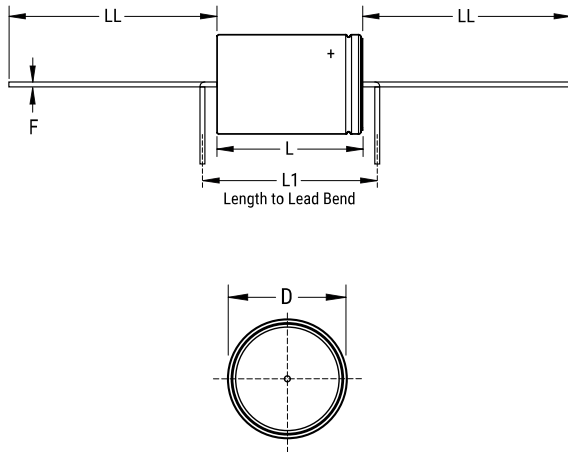


PEG124UD1680QT1

PEG124, Aluminum, Aluminum Electrolytic, 6.8 μ F, -10/+30%, 350 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 | 6 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 |

Dimensions

| | |
|----|-----------------|
| D | 13mm +/-0.5mm |
| L | 29mm +/-1mm |
| L1 | 35mm MIN |
| LL | 27mm +3/-2mm |
| F | 0.8mm +/-0.03mm |

Packaging Specifications

| | |
|-----------|-------------------|
| Slewing | Yes |
| Packaging | T&R, Plastic Tape |

Specifications

| | |
|-------------------|--|
| Capacitance | 6.8 μ F |
| Tolerance | -10/+30% |
| Voltage DC | 350 VDC |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 10000 Hrs |
| ESR | 9000 mOhms (100Hz 20C), 4200 mOhms (100kHz 20C) |
| Ripple Current | 0.092 Amps (100Hz 105C), 0.59 Amps (5kHz 60C), 0.22 Amps (5kHz 105C) |
| Leakage Current | 18 μ A (5min 20°C) |
| Inductance | 8 nH (ESL) |

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