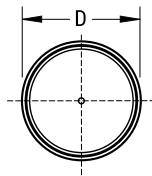
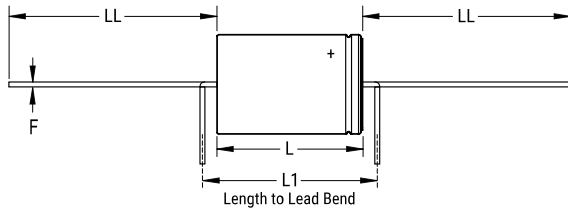


## PEG124KJ422AQE4

PEG124\_125C, Aluminum, Aluminum Electrolytic, 2,200 uF, -10/+30%, 40 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                                                                                                                                                                |
| RoHS                     | Yes                                                                                                                                                                                                  |
| Lead                     | Wire Leads                                                                                                                                                                                           |
| AEC-Q200                 | No                                                                                                                                                                                                   |
| Halogen Free             | Yes                                                                                                                                                                                                  |
| Typical Component Weight | 20 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. |
| Shelf Life               | 156 Weeks                                                                                                                                                                                            |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 20mm +/-0.5mm   |
| L  | 37mm +/-1mm     |
| L1 | 43mm MIN        |
| LL | 42mm +3/-2mm    |
| F  | 0.8mm +/-0.03mm |

### Packaging Specifications

|           |      |
|-----------|------|
| Packaging | Tray |
|-----------|------|

### Specifications

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Capacitance       | 2,200 uF                                                         |
| Tolerance         | -10/+30%                                                         |
| Voltage DC        | 40 VDC                                                           |
| Temperature Range | -40/+125°C                                                       |
| Rated Temperature | 125°C                                                            |
| Life              | 6000 Hrs                                                         |
| ESR               | 60 mOhms (100Hz 20C), 40 mOhms (100kHz 20C)                      |
| Ripple Current    | 1.9 Amps (100Hz 125C), 9.6 Amps (5kHz 60C), 3.5 Amps (5kHz 125C) |
| Leakage Current   | 264 uA (5min 20°C)                                               |
| Inductance        | 15 nH (ESL)                                                      |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.