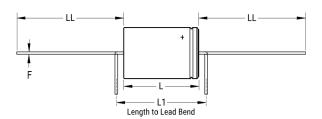


## PEG130KH4200QL1

Aliases (PEG130KH4200Q)

## Obsolete

PEG130, Aluminum Electrolytic, 2,000 uF, -10/+30%, 40 VDC, -40/+105°C





Click here for the 3D model.

| Dimensions |               |
|------------|---------------|
| D          | 20mm +/-0.5mm |
| L          | 29mm +/-1mm   |
| L1         | 35mm MIN      |
| LL         | 40mm +/-2mm   |
| F          | 1mm +/-0.03mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Sleeving                 | Yes       |
| Packaging                | Bulk, Bag |

| General Information |   |  |
|---------------------|---|--|
| Series              | PEG130  |  |
| Dielectric          | Aluminum Electrolytic   |  |
| Style               | Axial   |  |
| Description         | Long Life Axial Aluminum Electrolytic   |  |
| Features            | Long Life   |  |
| RoHS                | Yes   |  |
| Lead                | Wire Leads  |  |
| AEC-Q200            | No  |  |
| Halogen<br>Free     | Yes   |  |
| Component<br>Weight | 13 g  |  |
| Notes               | L1 is KEMETs recommendation for minimum distance<br>between symmetrical Lead bend. Available only for<br>Customer specific part numbers. Lead bend<br>dimensions must be specified and confirmed per<br>article. Dimensions D And L Include Sleeving. |  |
| Shelf Life          | 520 Weeks   |  |
|                     |   |  |

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 2,000 uF   |
| Capacitance<br>Tolerance | -10/+30%   |
| Voltage DC               | 40 VDC   |
| Temperature<br>Range     | -40/+105°C   |
| Rated<br>Temperature     | 105°C  |
| Life                     | 37000 Hrs  |
| Resistance               | 59 mOhms (100Hz 20C), 32 mOhms (100kHz 20C), 17 mOhms (5-100kHz 105C)  |
| Ripple Current           | 1.44 Amps (100Hz 105C), 8.8 Amps (5kHz 60C),<br>7.2 Amps (5kHz 80C), 4 Amps (5kHz 100C), 2.6<br>Amps (>=5kHz 105C) |
| Leakage<br>Current       | 244 uA (5min 20°C)   |

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