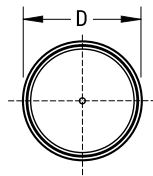
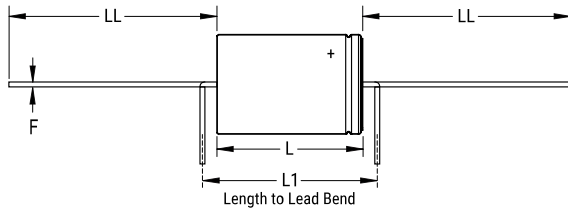


# PEG130MH3900QL1

Aliases (PEG130MH3900Q)

Obsolete

PEG130, Aluminum, Aluminum Electrolytic, 900 uF, -10/+30%, 63 VDC, -40/+105°C



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

## 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 Free             | Yes   |
| Typical Component Weight | 13 g  |
| Notes                    | L1 is KEMET's 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               | 520 Weeks   |

## Dimensions

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

## Packaging Specifications

|           |           |
|-----------|-----------|
| Slewing   | Yes       |
| Packaging | Bulk, Bag |

## Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 900 uF   |
| Tolerance         | -10/+30%   |
| Voltage DC        | 63 VDC   |
| Temperature Range | -40/+105°C   |
| Rated Temperature | 105°C  |
| Life              | 37000 Hrs  |
| ESR               | 94 mOhms (100Hz 20C), 39.7 mOhms (100kHz 20C), 25.1 mOhms (5-100kHz 105C)                                      |
| Ripple Current    | 1.06 Amps (100Hz 105C), 7.2 Amps (5kHz 60C), 5.9 Amps (5kHz 80C), 3.3 Amps (5kHz 100C), 2.2 Amps (>=5kHz 105C) |
| Leakage Current   | 174.1 uA (5min 20°C)   |

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.