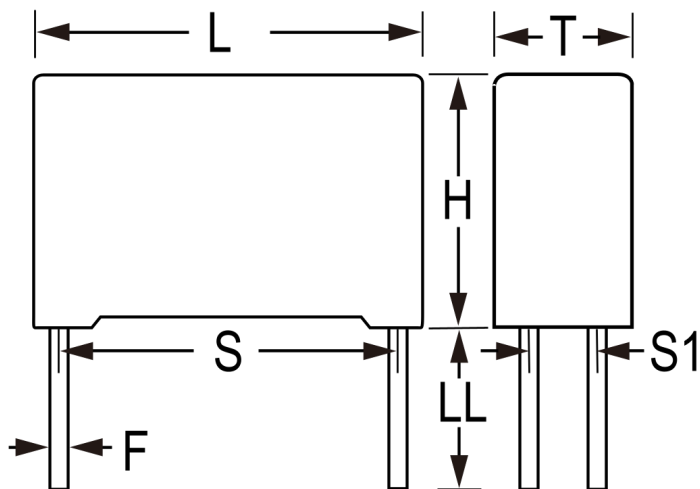


## C4AQGBW5900P30K

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 90 uF, 10%, 450 VDC, Lead Spacing = 37.5mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 42mm +0.6/-0.7mm |
| H  | 50mm +0.2/-0.7mm |
| T  | 35mm +0.4/-0.7mm |
| S  | 37.5mm +/-0.4mm  |
| S1 | 20.3mm +/-0.4mm  |
| LL | 6mm -2mm         |
| F  | 1.2mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 30        |

### General Information

|                  |                                      |
|------------------|--------------------------------------|
| Series           | C4AQ-P                               |
| Dielectric       | Metallized Polypropylene             |
| Style            | Radial                               |
| Features         | DC Filtering                         |
| RoHS             | Yes                                  |
| Lead             | 4 Wire Leads                         |
| Qualifications   | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200         | Yes                                  |
| Component Weight | 104 g                                |
| Miscellaneous    | Rth = 13 C/W.                        |

### Specifications

|                       |                                           |
|-----------------------|-------------------------------------------|
| Capacitance           | 90 uF                                     |
| Capacitance Tolerance | 10%                                       |
| Voltage DC            | 450 VDC                                   |
| Temperature Range     | -55/+125°C                                |
| Insulation Resistance | 330 MOhms                                 |
| Max dV/dt             | 30 V/us                                   |
| Resistance            | 1.87 mOhms (10kHz 70C)                    |
| Ripple Current        | 35.1 Amps Irms (10kHz 75C), 2700 Amps Ipk |
| Inductance            | 14 nH                                     |