



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm +0.5/-0.7mm |
| H  | 37mm +0.2/-0.7mm   |
| T  | 22mm +0.3/-0.7mm   |
| S  | 27.5mm +/-0.4mm    |
| LL | 6mm -2mm           |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 64        |

### General Information

|                  |                                      |
|------------------|--------------------------------------|
| Series           | C4AQ-P                               |
| Dielectric       | Metallized Polypropylene             |
| Style            | Radial                               |
| Features         | DC Filtering                         |
| RoHS             | Yes                                  |
| Lead             | Wire Leads                           |
| Qualifications   | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200         | Yes                                  |
| Component Weight | 37.8 g                               |
| Miscellaneous    | Rth = 23 C/W.                        |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 8 uF                                     |
| Capacitance Tolerance | 5%                                       |
| Voltage DC            | 900 VDC                                  |
| Temperature Range     | -55/+125°C                               |
| Insulation Resistance | 3.75 GOhms                               |
| Max dV/dt             | 70 V/us                                  |
| Resistance            | 7.26 mOhms (10kHz 70C)                   |
| Ripple Current        | 13.2 Amps Irms (10kHz 75C), 560 Amps Ipk |
| Inductance            | 28 nH                                    |