



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm +0.5/-0.7mm |
| H  | 28mm +0.2/-0.7mm   |
| T  | 14mm +0.3/-0.7mm   |
| S  | 27.5mm +/-0.4mm    |
| LL | 6mm +0/-2mm        |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 96        |

### General Information

|                  |                                      |
|------------------|--------------------------------------|
| Series           | C4AQ                                 |
| Dielectric       | Metallized Polypropylene             |
| Style            | Radial                               |
| RoHS             | Yes                                  |
| Lead             | Wire Leads                           |
| Qualifications   | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200         | Yes                                  |
| Component Weight | 14.5 g                               |
| Miscellaneous    | Rth = 33 C/W.                        |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 7 uF                                   |
| Capacitance Tolerance | 5%                                     |
| Voltage DC            | 650 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 70°C                                   |
| Insulation Resistance | 4.29 GOhms                             |
| Max dV/dt             | 13 V/us                                |
| Resistance            | 9 mOhms (10kHz 70C)                    |
| Ripple Current        | 9.5 Amps Irms (10kHz 70C), 88 Amps Ipk |
| Inductance            | 24 nH                                  |