



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 +0/-2mm        |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

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

### 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 | 31.7 g                               |
| Miscellaneous    | Rth = 23 C/W.                        |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 5 uF                                     |
| Capacitance Tolerance | 5%                                       |
| Voltage DC            | 1300 VDC                                 |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 70°C                                     |
| Insulation Resistance | 6 GOhms                                  |
| Max dV/dt             | 29 V/us                                  |
| Resistance            | 8.2 mOhms (10kHz 70C)                    |
| Ripple Current        | 11.8 Amps Irms (10kHz 70C), 145 Amps Ipk |
| Inductance            | 28 nH                                    |