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**General Information**

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AQ                                 |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| RoHS                     | Yes                                  |
| Lead                     | 4 Wire Leads                         |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200                 | Yes                                  |
| Typical Component Weight | 73.2 g                               |
| Miscellaneous            | Rth = 15 C/W.                        |

**Dimensions**

|    |                  |
|----|------------------|
| L  | 42mm +0.6/-0.7mm |
| H  | 45mm +0.2/-0.7mm |
| T  | 30mm +0.4/-0.7mm |
| S  | 37.5mm +/-0.4mm  |
| S1 | 20.3mm +/-0.4mm  |
| LL | 6mm +0/-2mm      |
| F  | 1.2mm +/-0.05mm  |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 36        |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 12 uF                                    |
| Tolerance             | 5%                                       |
| Voltage DC            | 1300 VDC                                 |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 70°C                                     |
| Insulation Resistance | 2.5 GOhms                                |
| Max dV/dt             | 20 V/us                                  |
| ESR                   | 5.3 mOhms (10kHz 70C)                    |
| Ripple Current        | 18.1 Amps Irms (10kHz 70C), 235 Amps Ipk |
| Inductance            | 13 nH                                    |

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