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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 | 66 g                                 |
| Miscellaneous            | Rth = 19 C/W.                        |

**Dimensions**

|    |                  |
|----|------------------|
| L  | 42mm +0.6/-0.7mm |
| H  | 25mm +0.2/-0.7mm |
| T  | 43mm +0.4/-0.7mm |
| S  | 37.5mm +/-0.4mm  |
| S1 | 20.3mm +/-0.4mm  |
| LL | 6mm +0/-2mm      |
| F  | 1.2mm +/-0.05mm  |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 30 uF                                    |
| Tolerance             | 10%                                      |
| Voltage DC            | 650 VDC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 70°C                                     |
| Insulation Resistance | 1 GOhms                                  |
| Max dV/dt             | 8 V/us                                   |
| ESR                   | 3.6 mOhms (10kHz 70C)                    |
| Ripple Current        | 19.5 Amps Irms (10kHz 70C), 245 Amps Ipk |
| Inductance            | 9 nH                                     |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 48        |

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