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#### 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                                  |
| Typical Component Weight | 18.6 g                               |
| Miscellaneous            | Rth = 33 C/W.                        |

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

#### Packaging Specifications

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

#### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 7 uF                                    |
| Tolerance             | 5%                                      |
| Voltage DC            | 600 VDC                                 |
| Temperature Range     | -55/+125°C                              |
| Insulation Resistance | 4.29 GOhms                              |
| Max dV/dt             | 65 V/us                                 |
| ESR                   | 9.9 mOhms (10kHz 70C)                   |
| Ripple Current        | 9.5 Amps Irms (10kHz 75C), 455 Amps Ipk |
| Inductance            | 24 nH                                   |

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