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#### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AQ                                 |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| RoHS                     | Yes                                  |
| Lead                     | Wire Leads                           |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200                 | Yes                                  |
| Typical Component Weight | 12.2 g                               |
| Miscellaneous            | Rth = 36 C/W.                        |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm +0.5/-0.7mm |
| H  | 25mm +0.2/-0.7mm   |
| T  | 13mm +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 | 234       |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 10 uF                                  |
| Tolerance             | 10%                                    |
| Voltage DC            | 500 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 70°C                                   |
| Insulation Resistance | 3 GOhms                                |
| Max dV/dt             | 10 V/us                                |
| ESR                   | 7.8 mOhms (10kHz 70C)                  |
| Ripple Current        | 9.6 Amps Irms (10kHz 70C), 96 Amps Ipk |
| Inductance            | 22 nH                                  |

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