



Click [here](#) for the 3D model.

#### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AK                                 |
| 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 | 13.2 g                               |
| Miscellaneous            | Rth = 44 C/W.                        |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 32mm +/-0.7mm   |
| H  | 20mm +/-0.7mm   |
| T  | 11mm +/-0.7mm   |
| S  | 27.5mm +/-0.4mm |
| LL | 6mm -2mm        |
| F  | 1.2mm +/-0.05mm |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 256       |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 1.2 uF                                 |
| Tolerance             | 5%                                     |
| Voltage DC            | 900 VDC                                |
| Temperature Range     | -55/+135°C                             |
| Insulation Resistance | 25 GOhms                               |
| Max dV/dt             | 40 V/us                                |
| ESR                   | 35 mOhms (10kHz 70C)                   |
| Ripple Current        | 3.8 Amps Irms (10kHz 95C), 48 Amps Ipk |
| Inductance            | 17 nH                                  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.