



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

**General Information**

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AF                                 |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| Features                 | Harsh Environmental Conditions       |
| RoHS                     | Yes                                  |
| Lead                     | Wire Leads                           |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200                 | Yes                                  |
| Typical Component Weight | 16.1 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 +0/-2mm        |
| F  | 0.8mm +/-0.05mm    |

**Packaging Specifications**

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

**Specifications**

|                       |                                   |
|-----------------------|-----------------------------------|
| Capacitance           | 1.5 uF                            |
| Capacitance Tolerance | 10%                               |
| Voltage DC            | 700 VDC                           |
| Voltage AC            | 350 VAC                           |
| Temperature Range     | -55/+105°C                        |
| Rated Temperature     | 85°C                              |
| Insulation Resistance | 20 GOhms                          |
| Max dV/dt             | 115 V/us                          |
| ESR                   | 8.2 mOhms                         |
| Ripple Current        | 7.5 Amps Irms (MAX), 173 Amps Ipk |
| Inductance            | 26 nH (ESL)                       |

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