



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

#### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AF                                 |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| Features                 | Harsh Environmental Conditions       |
| RoHS                     | Yes                                  |
| Lead                     | 4 Wire Leads                         |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200                 | Yes                                  |
| Typical Component Weight | 94.5 g                               |
| Miscellaneous            | Rth = 13 C/W.                        |

#### Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 15 uF                              |
| Tolerance             | 10%                                |
| Voltage DC            | 630 VDC                            |
| Voltage AC            | 310 VAC                            |
| Temperature Range     | -55/+105°C                         |
| Rated Temperature     | 85°C                               |
| Insulation Resistance | 2 GOhms                            |
| Max dV/dt             | 32 V/us                            |
| ESR                   | 3 mOhms                            |
| Ripple Current        | 23.1 Amps Irms (MAX), 480 Amps Ipk |
| Inductance            | 35 nH (ESL)                        |

#### Dimensions

|    |                  |
|----|------------------|
| L  | 42mm +0.6/-0.7mm |
| H  | 50mm +0.2/-0.7mm |
| T  | 35mm +0.4/-0.7mm |
| S  | 37.5mm +/-0.4mm  |
| S1 | 20.3mm +/-0.4mm  |
| LL | 6mm +0/-2mm      |
| F  | 1.2mm +/-0.05mm  |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 30        |

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