



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 | 127.1 g                              |
| Miscellaneous            | Rth = 10 C/W.                        |

#### Specifications

|                       |                                     |
|-----------------------|-------------------------------------|
| Capacitance           | 22 uF                               |
| Tolerance             | 10%                                 |
| Voltage DC            | 630 VDC                             |
| Voltage AC            | 310 VAC                             |
| Temperature Range     | -55/+105°C                          |
| Rated Temperature     | 85°C                                |
| Insulation Resistance | 1.36 GOhms                          |
| Max dV/dt             | 21 V/us                             |
| ESR                   | 4.2 mOhms                           |
| Ripple Current        | 23.2 Amps Irms (MAX), 462 Amps Ipkr |
| Inductance            | 38 nH (ESL)                         |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 57.5mm +0.8/-0.7mm |
| H  | 50mm +0.3/-0.7mm   |
| T  | 35mm +0.5/-0.7mm   |
| S  | 52.5mm +/-0.4mm    |
| S1 | 20.3mm +/-0.4mm    |
| LL | 6mm +0/-2mm        |
| F  | 1.2mm +/-0.05mm    |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 23        |

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