



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

### 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       |

### 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                                  |
| Component Weight | 16 g                                 |
| Miscellaneous    | Rth = 36 C/W.                        |

### Specifications

|                       |                                  |
|-----------------------|----------------------------------|
| Capacitance           | 1.5 uF                           |
| Capacitance Tolerance | 10%                              |
| Voltage AC            | 310 VAC                          |
| Voltage DC            | 630 VDC                          |
| Temperature Range     | -55/+105°C                       |
| Rated Temperature     | 85°C                             |
| Insulation Resistance | 20 GOhms                         |
| Max dV/dt             | 40 V/us                          |
| Resistance            | 1.5 mOhms                        |
| Ripple Current        | 4.6 Amps Irms (MAX), 60 Amps Ipk |
| Inductance            | 28.6 nH (ESL)                    |