



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

#### General Information

|               |   |
|---------------|---|
| Series        | F611  |
| Dielectric    | Metallized Polyester  |
| Style         | Radial  |
| Features      | MKT (Wound), DC Multipurpose Applications   |
| RoHS          | Yes   |
| Termination   | Tinned Wire   |
| Lead          | Wire Leads  |
| AEC-Q200      | No  |
| Miscellaneous | The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For +125C, Please Consult KEMET). This 5% tolerance part is available on request. ClimCat: 55/105/56. |

#### Specifications

|                       |                        |
|-----------------------|------------------------|
| Capacitance           | 8.2 uF                 |
| Tolerance             | 5%                     |
| Voltage DC            | 100 VDC, 75 VDC (105C) |
| Voltage AC            | 63 VAC                 |
| Temperature Range     | -55/+105°C             |
| Rated Temperature     | 85°C                   |
| Dissipation Factor    | 1.2% 1kHz              |
| Insulation Resistance | 610 MOhms              |
| Max dV/dt             | 8 V/us                 |
| Inductance            | 6 nH                   |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm -0.5mm     |
| H  | 19mm -0.5mm     |
| T  | 11mm -0.5mm     |
| S  | 15mm +/-0.4mm   |
| H0 | 18.5mm +/-0.5mm |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

#### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 250 |