



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

**Dimensions**

|    |                 |
|----|-----------------|
| L  | 7.2mm -0.5mm    |
| H  | 6.5mm -0.5mm    |
| T  | 2.5mm -0.5mm    |
| S  | 5mm +/-0.4mm    |
| LL | 20mm +5mm       |
| F  | 0.5mm +/-0.05mm |
| G  | 0.5mm NOM       |

**Packaging Specifications**

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 4000 |

**General Information**

|               |   |
|---------------|---|
| Series        | F612  |
| Dielectric    | Metallized Polyester Stacked  |
| Style         | Radial  |
| Features      | MKT (Stacked), 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). ClimCat: 55/105/56. |

**Specifications**

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 4700 pF                            |
| Capacitance Tolerance | 10%                                |
| Voltage DC            | 100 VDC, 75 VDC (105C)             |
| Voltage AC            | 63 VAC                             |
| Temperature Range     | -55/+105°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 15 GOhms                           |
| Max dV/dt             | 200 V/us                           |
| Inductance            | 6 nH                               |