

## F611BG564K250L

F611, Film, Metallized Polyester, General Purpose, 0.56 uF, 10%, 250 VDC, 85°C, Lead Spacing = 15mm



### General Information

|                  |   |
|------------------|---|
| Series           | F611  |
| Dielectric       | Metallized Polyester  |
| Style            | Radial  |
| Features         | MKT (Wound), DC Multipurpose Applications   |
| RoHS             | Yes   |
| Lead             | Wire Leads  |
| AEC-Q200         | No  |
| Component Weight | 2.814 g   |
| Miscellaneous    | The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For +125C, Please Consult KEMET). ClimCat: 55/105/56. |

### Specifications

|                       |                           |
|-----------------------|---------------------------|
| Capacitance           | 0.56 uF                   |
| Capacitance Tolerance | 10%                       |
| Voltage AC            | 160 VAC                   |
| Voltage DC            | 250 VDC, 187.5 VDC (105C) |
| Temperature Range     | -55/+105°C                |
| Rated Temperature     | 85°C                      |
| Dissipation Factor    | 0.8% 1kHz, 1.5% 10kHz     |
| Insulation Resistance | 17.857 GOhms              |
| Max dV/dt             | 12 V/us                   |
| Inductance            | 6 nH                      |

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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm -0.5mm     |
| H  | 12mm -0.5mm     |
| T  | 6mm -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 | 500 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.