

# F611BK683M1K0C

F611, Film, Metallized Polyester, General Purpose, 0.068 uF, 20%, 1000 VDC, 85°C, Lead Spacing = 15mm

## FRONT VIEW



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

### Dimensions

- L 18mm -0.5mm
- H 13.5mm -0.5mm
- T 7.5mm -0.5mm
- S 15mm +/-0.4mm

### Dimensions

LL 4mm +2mm  
F 0.8mm +/-0.05mm  
G 0.5mm NOM

### Packaging Specifications

Packaging Bulk  
Packaging Quantity 1000

### General Information

Series F611  
Dielectric Metallized Polyester  
Style Radial  
Features MKT (Wound), DC Multipurpose Applications  
RoHS Yes  
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 0.068 uF  
Capacitance Tolerance 20%  
Voltage AC 250 VAC  
Voltage DC 1000 VDC, 750 VDC (105C)  
Temperature Range -55/+105°C  
Rated Temperature 85°C  
Dissipation Factor 0.8% 1kHz, 1.5% 10kHz, 3% 100kHz  
Insulation Resistance 30 GOhms  
Max dV/dt 30 V/us  
Inductance 6 nH

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