

# F612JF682J100C

F612, Film, Metallized Polyester Stacked, General Purpose, 6800 pF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm

## FRONT VIEW



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

### Dimensions

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

### Packaging Specifications

Packaging Bulk  
Packaging Quantity 3000

### General Information

Series F612  
Dielectric Metallized Polyester Stacked  
Style Radial  
Features MKT (Stacked), DC Multipurpose Applications  
RoHS Yes  
Lead Cut/Short  
AEC-Q200 No  
Component Weight 0.23 g

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 6800 pF  
Capacitance Tolerance 5%  
Voltage AC 63 VAC  
Voltage DC 100 VDC, 75 VDC (105C)  
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

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