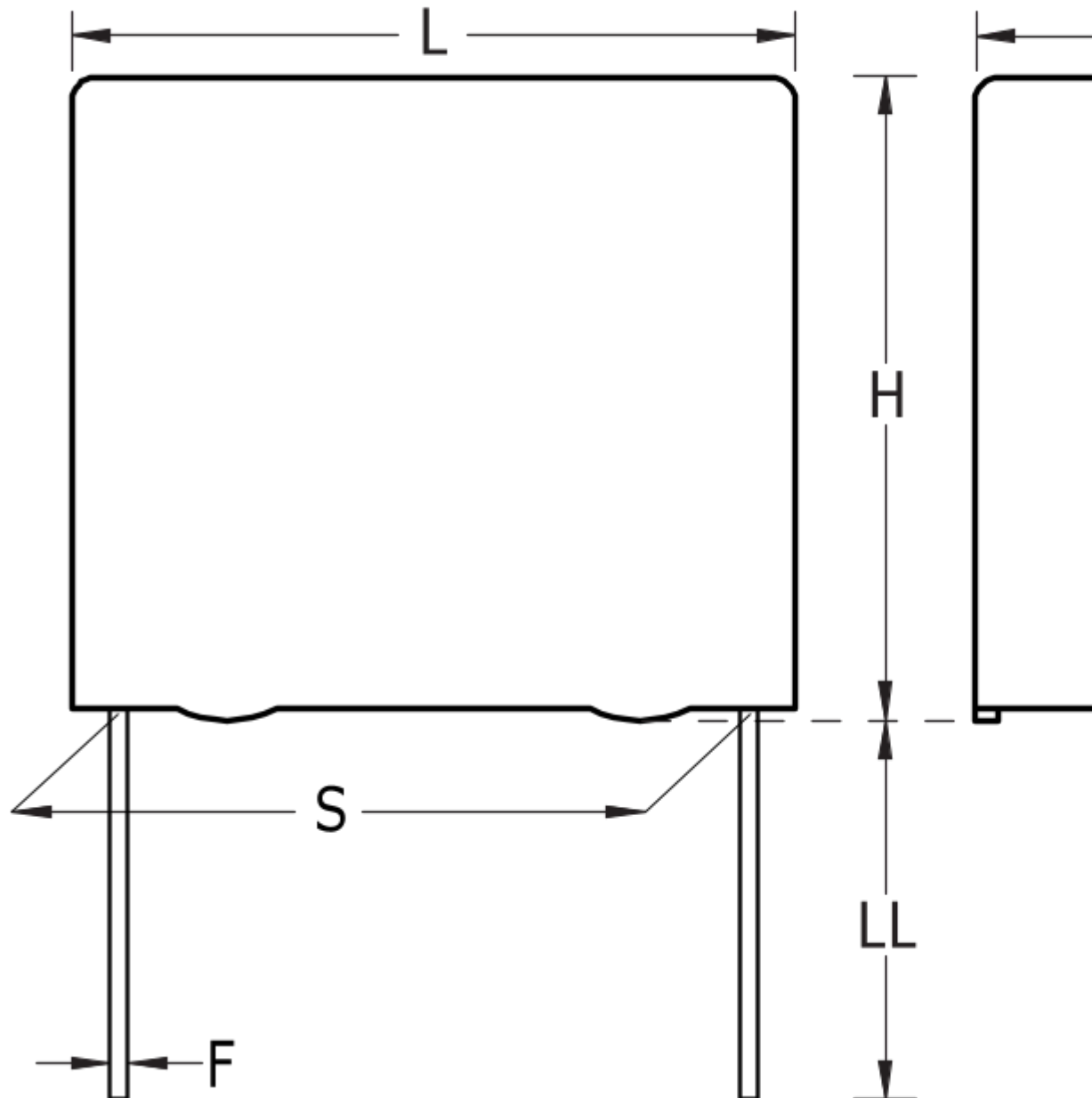


# F612KF683K250C

Obsolete

F612, Film, Metallized Polyester Stacked, General Purpose, 0.068 uF, 10%, 250 VDC, 85°C, Lead Spacing = 7.5mm

## FRONT VIEW



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

### Dimensions

L 10mm -0.5mm

H 8mm -0.5mm

### Dimensions

T 3mm -0.5mm  
S 7.5mm +/-0.4mm  
LL 4mm +2mm  
F 0.6mm +/-0.05mm  
G 0.5mm NOM

### Packaging Specifications

Packaging Bulk  
Packaging Quantity 1500

### General Information

Series F612  
Dielectric Metallized Polyester Stacked  
Style Radial  
Features MKP, Pulse  
RoHS Yes  
Lead Cut/Short  
AEC-Q200 No  
Miscellaneous ClimCat: 55/105/56.

### Specifications

Capacitance 0.068 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, 3% 100kHz  
Insulation Resistance 30 GOhms  
Max dV/dt 200 V/us  
Inductance 6 nH

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.

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