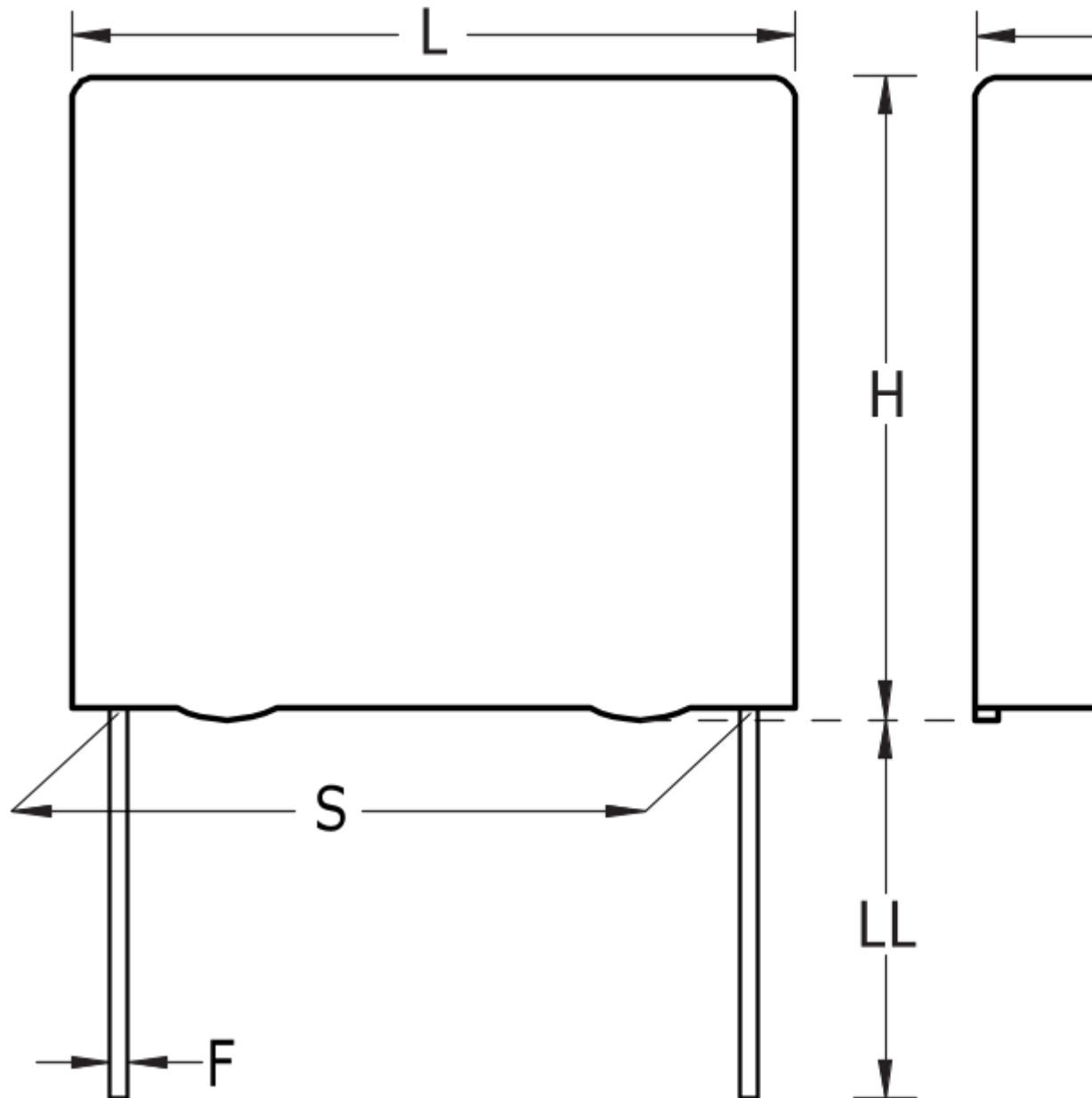


F611JQ682J1K0C

F611, Film, Metallized Polyester, General Purpose, 6800 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 5mm

FRONT VIEW



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

Dimensions

- L 7.2mm -0.5mm
- H 10mm -0.5mm
- T 5mm -0.5mm
- S 5mm +/-0.4mm
- LL 4mm +2mm

Dimensions

F 0.5mm +/-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

Component Weight 0.648 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 250 VAC

Voltage DC 1000 VDC, 750 VDC (105C)

Temperature Range -55/+105°C

Rated Temperature 85°C

Dissipation Factor 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz

Insulation Resistance 30 GOhms

Max dV/dt 100 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.

Generated 5/18/2023 - d1b11ed3-d089-415e-a387-20d7aef21a78

© 2006 - 2023 KEMET

Generated 5/18/2023 - d1b11ed3-d089-415e-a387-20d7aef21a78

© 2006 - 2023 KEMET