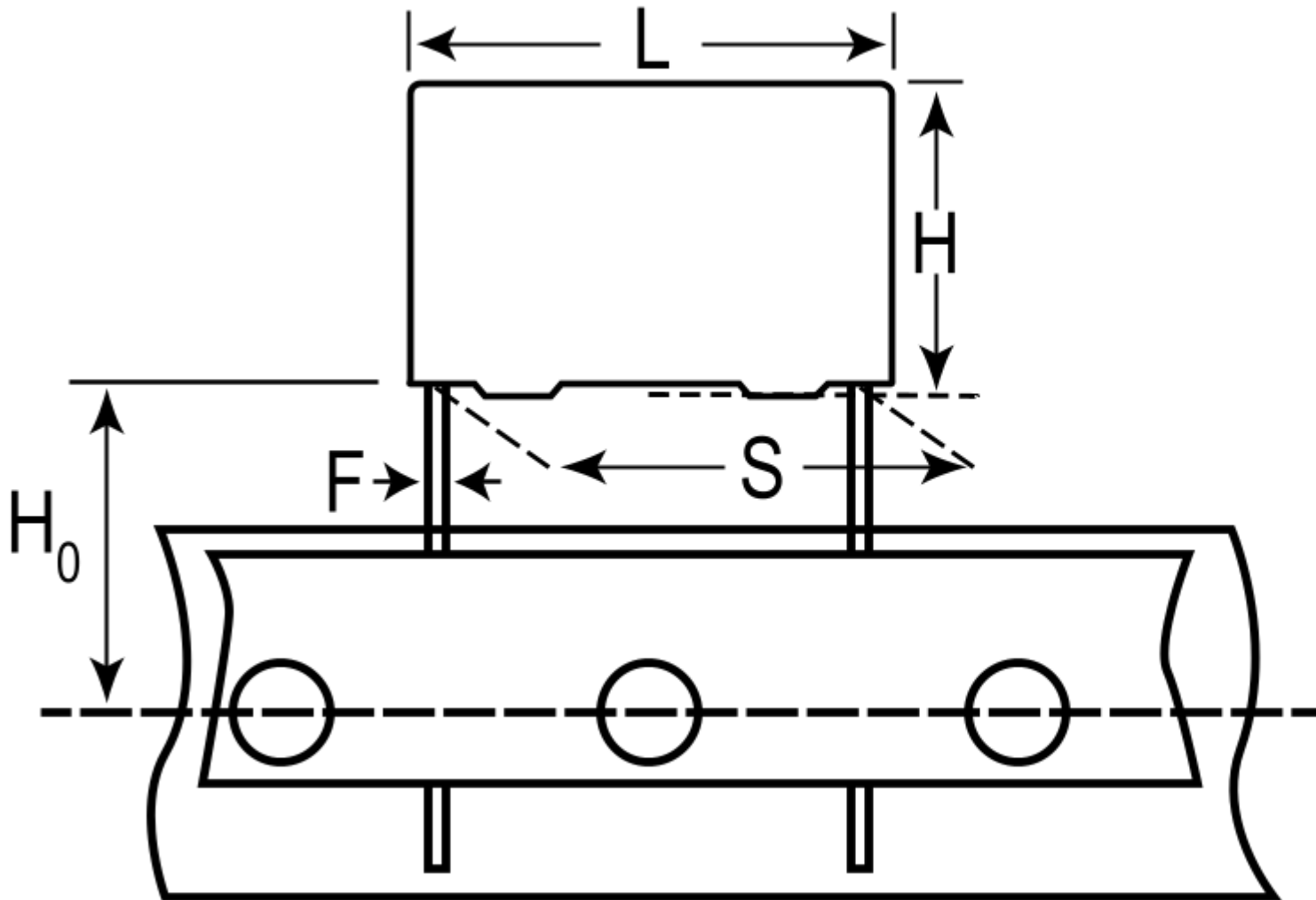


# F611BG105K160L

F611, Film, Metallized Polyester, General Purpose, 1 uF, 10%, 160 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

F 0.8mm +/-0.05mm

G 0.5mm NOM

### Packaging Specifications

Packaging T&R

Packaging Quantity 500

### 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 1 uF

Capacitance Tolerance 10%

Voltage AC 90 VAC

Voltage DC 160 VDC, 120 VDC (105C)

Temperature Range -55/+105°C

Rated Temperature 85°C

Dissipation Factor 0.8% 1kHz, 1.5% 10kHz

Insulation Resistance 10 GOhms

Max dV/dt 10 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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