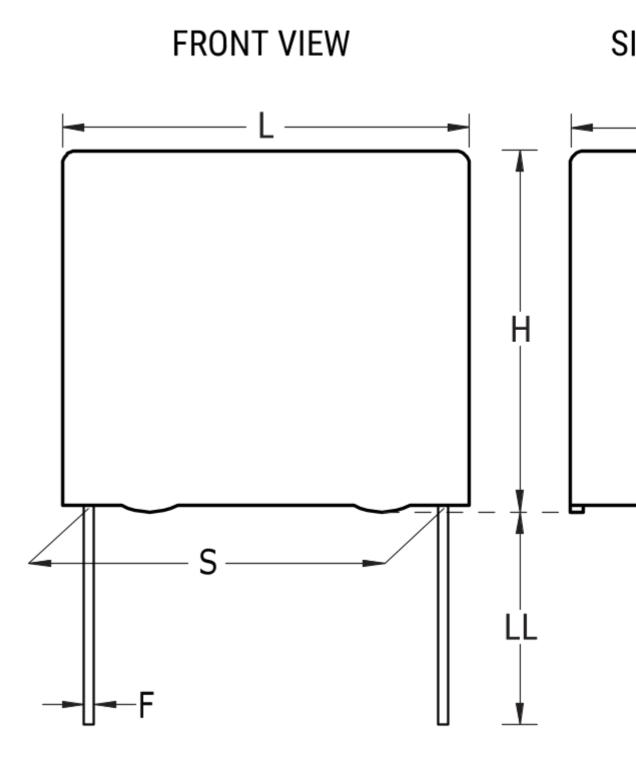
F612JG473J250C

F612, Film, Metallized Polyester Stacked, General Purpose, $0.047~\mathrm{uF}$, 5%, $250~\mathrm{VDC}$, $85^{\circ}\mathrm{C}$, Lead Spacing = $5\mathrm{mm}$



Click <u>here</u> for the 3D model.

Dimensions

- L 7.2mm -0.5mm
- H 7.5mm -0.5mm
- T 3.5mm -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 2000

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 0.448 g

The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For

Miscellaneous +125C, Please Consult Kemet). This 5% tolerance part is available on

request. ClimCat: 55/105/56.

Specifications

Capacitance 0.047 uF

Capacitance Tolerance 5%

Voltage AC 140 VAC

Voltage DC 250 VDC, 187.5 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 130 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 - fbe6864a-4ab8-4009-bce3-6979631712e5

© 2006 - 2023 KEMET

Generated 5/18/2023 - fbe6864a-4ab8-4009-bce3-6979631712e5

© 2006 - 2023 KEMET