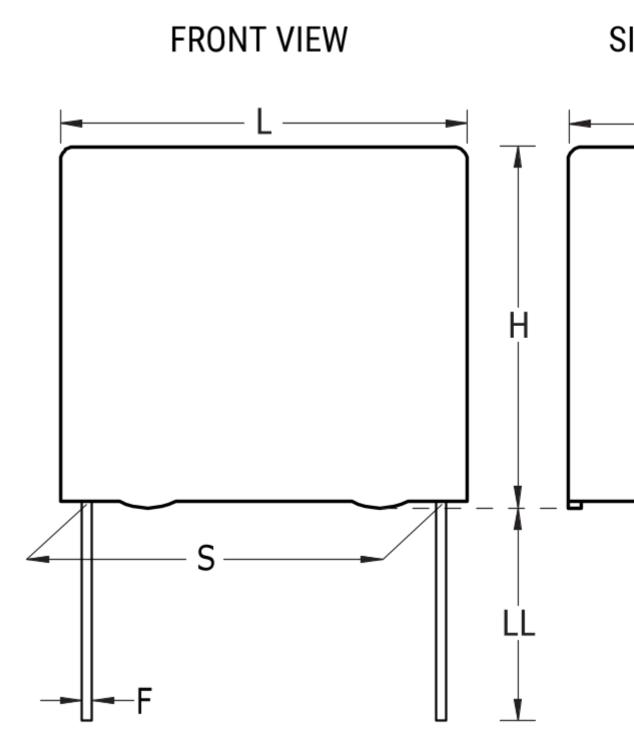
F612JF682J100A

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



Click <u>here</u> 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 17mm -1mm

F = 0.5mm + -0.05mm

G 0.5mm NOM

Max dV/dt

Inductance

Packaging Specifications

Packaging Bulk Packaging Quantity 4000

| | General Information |
|--------------------------|---|
| Series | F612 |
| Dielectric | Metallized Polyester Stacked |
| Style | Radial |
| Features | MKT (Stacked), DC Multipurpose Applications |
| RoHS | Yes |
| Lead | Wire Leads |
| 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 Ra | nge -55/+105°C |
| Rated Temperat | ure 85°C |
| Dissipation Fact | or 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resis | tance 15 GOhms |

1 7 0

~

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 - b12cf044-a070-4a56-abad-6832fcaba5dd © 2006 - 2023 KEMET Generated 5/18/2023 - b12cf044-a070-4a56-abad-6832fcaba5dd © 2006 - 2023 KEMET

200 V/us

6 nH