

F612JM104J250R

F612, Film, Metallized Polyester Stacked, General Purpose, 0.1 uF, 5%, 250 VDC, 85°C, Lead Spacing = 5mm



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

Dimensions

- L 7.2mm -0.5mm
- H 9.5mm -0.5mm
- T 4.5mm -0.5mm
- S 5mm +/-0.4mm

Dimensions

H0 18.5mm +/-0.5mm
F 0.5mm +/-0.05mm
G 0.5mm NOM

Packaging Specifications

Packaging Ammo, 360x340x59mm, Box
Packaging Quantity 1900

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 0.637 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 0.1 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 - 48907943-c951-4bd6-97c3-88310be56f05

© 2006 - 2023 KEMET

Generated 5/18/2023 - 48907943-c951-4bd6-97c3-88310be56f05

© 2006 - 2023 KEMET