

F612JF683K100C

F612, Film, Metallized Polyester Stacked, General Purpose, 0.068 uF, 10%, 100 VDC, 85°C, Lead Spacing = 5mm

FRONT VIEW



Click [here](#) 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 4mm +2mm
F 0.5mm +/-0.05mm
G 0.5mm NOM

Packaging Specifications

Packaging Bulk
Packaging Quantity 3000

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 0.331 g
Miscellaneous The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For +125C, Please Consult KEMET). ClimCat: 55/105/56.

Specifications

Capacitance 0.068 uF
Capacitance Tolerance 10%
Voltage AC 63 VAC
Voltage DC 100 VDC, 75 VDC (105C)
Temperature Range -55/+105°C
Rated Temperature 85°C
Dissipation Factor 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance 15 GOhms
Max dV/dt 200 V/us
Inductance 6 nH

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