

# F612JF272K400R

F612, Film, Metallized Polyester Stacked, General Purpose, 2700 pF, 10%, 400 VDC, 85°C, Lead Spacing = 5mm



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

H0 18.5mm +/-0.5mm

F 0.5mm +/-0.05mm

G 0.5mm NOM

## Packaging Specifications

Packaging Ammo, 360x340x59mm, Box

Packaging Quantity 3500

## 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). ClimCat: 55/105/56.

## Specifications

Capacitance 2700 pF

Capacitance Tolerance 10%

Voltage AC 200 VAC

Voltage DC 400 VDC, 300 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 400 V/us

Inductance 6 nH

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