

# F612JG474K063L

F612, Film, Metallized Polyester Stacked, General Purpose, 0.47 uF, 10%, 63 VDC, 85°C, Lead Spacing = 5mm



Click [here](#) 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

H0 18.5mm +/-0.5mm

F 0.5mm +/-0.05mm

G 0.5mm NOM

### Packaging Specifications

Packaging T&R

Packaging Quantity 1800

### 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 0.38 g

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

### Specifications

Capacitance 0.47 uF

Capacitance Tolerance 10%

Voltage AC 40 VAC

Voltage DC 63 VDC, 47.25 VDC (105C)

Temperature Range -55/+105°C

Rated Temperature 85°C

Dissipation Factor 0.8% 1kHz, 1.2% 10kHz

Insulation Resistance 10.638 GOhms

Max dV/dt 160 V/us

Inductance 6 nH

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