

# F611JG105K050R

F611, Film, Metallized Polyester, General Purpose, 1  $\mu$ F, 10%, 50 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

H0 18.5mm +/-0.5mm

### Dimensions

F 0.5mm +/-0.05mm

G 0.5mm NOM

### Packaging Specifications

Packaging Ammo, 360x340x59mm, Box

Packaging Quantity 2500

### General Information

Series F611

Dielectric Metallized Polyester

Style Radial

Features MKT (Wound), DC Multipurpose Applications

RoHS Yes

Lead Wire Leads

AEC-Q200 No

Component Weight 0.3 g

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

### Specifications

Capacitance 1 uF

Capacitance Tolerance 10%

Voltage AC 30 VAC

Voltage DC 50 VDC, 37.5 VDC (105C)

Temperature Range -55/+105°C

Rated Temperature 85°C

Dissipation Factor 0.8% 1kHz, 1.2% 10kHz

Insulation Resistance 5 GOhms

Max dV/dt 12 V/us

Inductance 6 nH

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