

F612JF102J400C

F612, Film, Metallized Polyester, General Purpose, 1000 pF, 5%, 400 VDC, 85°C, Lead Spacing = 5mm



**General Information** Series F612 Dielectric Metallized Polyester Style Radial MKT (Stacked), DC Multipurpose Applications Features RoHS Yes Lead Cut/Short AEC-Q200 No Component 0.23 g Weight The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For +125C, Please Consult Miscellaneous Kemet). This 5% tolerance part is available on request. ClimCat: 55/105/56.

Specifications	
Capacitance	1000 pF
Capacitance Tolerance	5%
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

Click here for the 3D model.

Dimensions	
L	7.2mm -0.5mm
н	6.5mm -0.5mm
т	2.5mm -0.5mm
S	5mm +/-0.4mm
LL	4mm +2mm
F	0.5mm +/-0.05mm
G	0.5mm NOM

## Packaging Specifications

Packaging	Bulk
Packaging Quantity	3000

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