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**General Information**

Series	F612
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	MKT (Stacked), DC Multipurpose Applications
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Typical Component Weight	0.72 g

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

**Specifications**

Capacitance	0.047 uF
Tolerance	10%
Voltage DC	400 VDC, 300 VDC (105C)
Voltage AC	160 VAC
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	200 V/us
Inductance	6 nH

**Dimensions**

L	7.2mm -0.5mm
H	10mm -0.5mm
T	5mm -0.5mm
S	5mm +/-0.4mm
H <sub>0</sub>	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm
G	0.5mm NOM

**Packaging Specifications**

Packaging	T&R
Packaging Quantity	1200

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