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### Dimensions

L	7.2mm -0.5mm
H	7.5mm -0.5mm
T	3.5mm -0.5mm
S	5mm +/-0.4mm
LL	4mm +2mm
F	0.5mm +/-0.05mm
G	0.5mm NOM

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	2000

### General Information

Series	F612
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	MKT (Stacked), DC Multipurpose Applications
RoHS	Yes
Lead	Cut/Short
AEC-Q200	No
Component Weight	0.38 g
Miscellaneous	The Rated Voltage Decreases 1.25%/C Between +85°C And +105°C (For +125°C, Please Consult Kemet). This 5% tolerance part is available on request. ClimCat: 55/105/56.

### Specifications

Capacitance	0.47 uF
Capacitance Tolerance	5%
Voltage AC	40 VAC
Voltage DC	63 VDC, 47.25 VDC (105°C)
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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