



Click [here](#) for the 3D model.

### Dimensions

L	10mm -0.5mm
H	9mm -0.5mm
T	4mm -0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm
G	0.5mm NOM

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	2000

### General Information

Series	F612
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Lead	Cut/Short
AEC-Q200	No
Miscellaneous	ClimCat: 55/105/56.

### Specifications

Capacitance	0.082 uF
Capacitance Tolerance	5%
Voltage AC	160 VAC
Voltage DC	250 VDC, 187.5 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.5% 10kHz, 3% 100kHz
Insulation Resistance	30 GOhms
Max dV/dt	200 V/us
Inductance	6 nH