



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

Dimensions

L	7.2mm -0.5mm
H	6.5mm -0.5mm
T	2.5mm -0.5mm
S	5mm +/-0.4mm
LL	20mm +5mm
F	0.5mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications

Packaging	Bulk
Packaging Quantity	4000

General Information

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

Specifications

Capacitance	5600 pF
Capacitance Tolerance	5%
Voltage DC	100 VDC, 75 VDC (105C)
Voltage AC	63 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	200 V/us
Inductance	6 nH