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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
AEC-Q200	No
Typical Component Weight	0.409 g
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.

#### Dimensions

L	7.2mm -0.5mm
H	9.5mm -0.5mm
T	4.5mm -0.5mm
S	5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm
G	0.5mm NOM

#### Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1900

#### Specifications

Capacitance	0.82 uF
Tolerance	5%
Voltage DC	63 VDC, 47.25 VDC (105C)
Voltage AC	40 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	6.098 GOhms
Max dV/dt	160 V/us
Inductance	6 nH

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