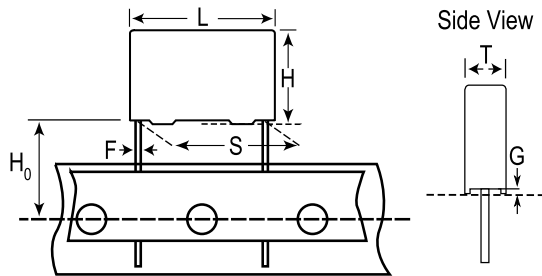


F612, Film, Metallized Polyester Stacked, General Purpose, 0.047 uF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm



Dimensions	
L	7.2mm -0.5mm
H	6.5mm -0.5mm
T	2.5mm -0.5mm
S	5mm +/-0.4mm
H ₀	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	2500

General Information	
Series:	F612
Dielectric:	Metallized Polyester Stacked
Style:	Radial
Features:	MKT (Stacked), DC Multipurpose Applications
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Component Weight:	0.23 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.

Specifications	
Capacitance:	0.047 uF
Capacitance Tolerance:	5%
Voltage AC:	63 VAC
Voltage DC:	100 VDC, 75 VDC (105C)
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

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