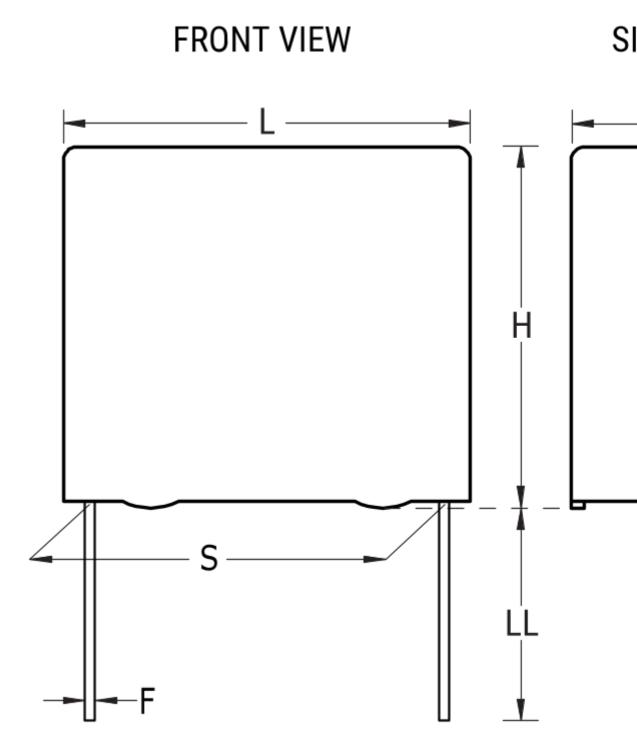
F612JQ105K063C

F612, Film, Metallized Polyester Stacked, General Purpose, 1 uF, 10%, 63 VDC, 85°C, Lead Spacing = 5mm



Click here for the 3D model.

Dimensions

- L 7.2mm -0.5mm
- H 10mm -0.5mm
- T 5mm -0.5mm
- S 5mm +/-0.4mm

Dimensions

LL 4mm +2mm

F 0.5mm +/-0.05mm

G 0.5mm NOM

Packaging Specifications

PackagingBulkPackaging Quantity1000

	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	0.72 g
Miscellaneous	The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For +125C, Please Consult KEMET). ClimCat: 55/105/56.
Specifications	
Capacitance	1 uF
Capacitance Tolerance 10%	
Voltage AC	40 VAC
Voltage DC	63 VDC, 47.25 VDC (105C)
Temperature Ran	nge -55/+105°C
Rated Temperatu	ure 85°C
Dissipation Factor	or 0.8% 1kHz, 1.2% 10kHz
Insulation Resist	ance 5 GOhms
Max dV/dt	160 V/us
Inductance	6 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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