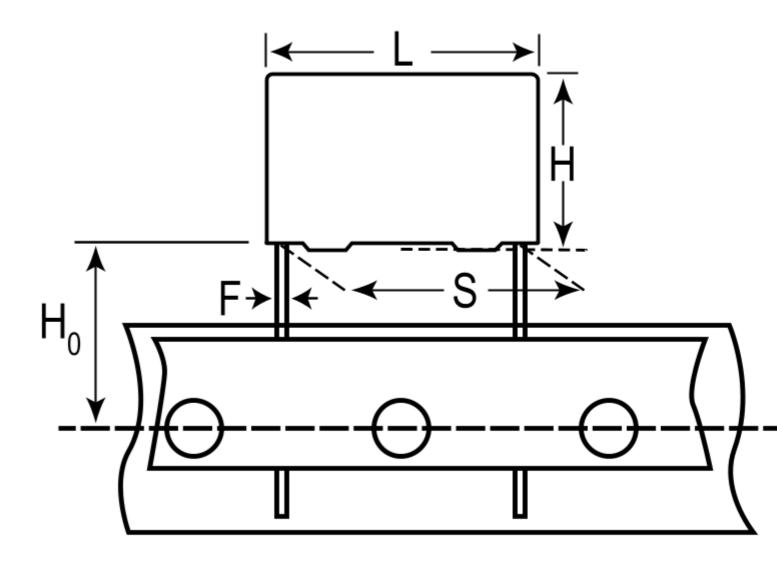
F612JG184J100R

F612, Film, Metallized Polyester Stacked, General Purpose, 0.18 uF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm



Click <u>here</u> for the 3D model. **Dimensions**

- L 7.2mm -0.5mm
- H 7.5mm -0.5mm
- T 3.5mm -0.5mm
- S 5mm +/-0.4mm

Dimensions

H0 18.5mm +/-0.5mm

F = 0.5mm + -0.05mm

G 0.5mm NOM

Packaging Specifications

Packaging Ammo, 360x340x59mm, Box

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	0.448 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	0.18 uF
Capacitance Tolerance 5%	
Voltage AC	63 VAC
Voltage DC	100 VDC, 75 VDC (105C)
Temperature Ra	nge -55/+105°C
Rated Temperat	ure $85^{\circ}C$
Dissipation Fact	tor 0.8% 1kHz, 1.2% 10kHz
Insulation Resis	tance 15 GOhms
Max dV/dt	200 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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