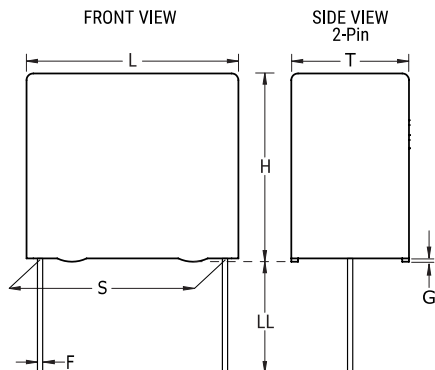


**KEMET Part Number: PHE450MK5100JR05**  
(F450KK103J630C)

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PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.01 uF, 5%, 630 VDC, 85°C, Lead Spacing = 7.5mm



General Information	
Series:	PHE450/F450
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthja= 160 C/W (85C), 0.2 m/s.

Dimensions	
L	10mm -0.5mm
H	11mm -0.5mm
T	5mm -0.5mm
S	7.5mm +0.4/-0.4mm
LL	5mm -1mm
F	0.6mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1000

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	5%
Voltage AC:	300 VAC
Voltage DC:	630 VDC (85C), 466.2 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	3000 GOhms
Max dV/dt:	1400 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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