

**KEMET Part Number: PHE450PR7100JR02R06L2**  
(F450RK105J1K0C)

Film, Double Metallized Polypropylene, Commercial Grade, PHE450/F450, 1 uF, 5%, 1,000 V, 85C, Lead Spacing = 37.5mm



General Information	
<b>Dielectric:</b>	Double Metallized Polypropylene
<b>Style:</b>	Radial
<b>Series:</b>	PHE450/F450
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Miscellaneous:</b>	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 20 C/W (85C), 0.2 m/s

Dimensions	
<b>L</b>	41mm MAX
<b>H</b>	32mm MAX
<b>T</b>	16.5mm MAX
<b>S</b>	37.5mm +/-0.4mm
<b>LL</b>	6mm -1mm
<b>F</b>	1mm +/-0.05mm
<b>G</b>	0.5mm NOM

Specifications	
<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	1000 VDC (85C), 740 VDC (105C)
<b>Voltage AC:</b>	600 VAC
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	0.03% 1kHz, 0.06% 10kHz
<b>Insulation Resistance:</b>	30 GOhms
<b>Max dVdt:</b>	800 V
<b>Inductance:</b>	6 nH

Packaging Specifications	
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	105