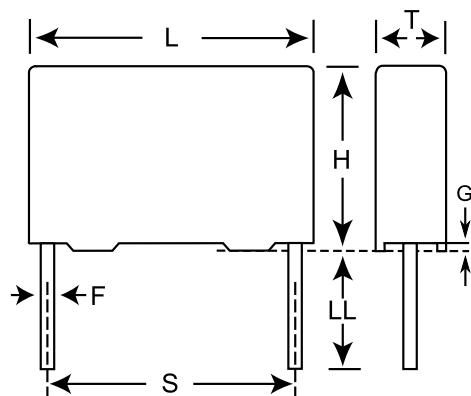


**KEMET Part Number: PHE450MF7100JR06L2**  
(F450FR105J630Z)

Film, Double Metallized Polypropylene, Commercial Grade, PHE450/F450, 1 uF, 5%, 630 V, 85C, Lead Spacing = 27.5mm



**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= 30 C/W (85C), 0.2 m/s

**Dimensions**

<b>L</b>	31.5mm MAX
<b>H</b>	28mm MAX
<b>T</b>	17.5mm MAX
<b>S</b>	27.5mm +/-0.4mm
<b>LL</b>	18.5mm +0.5mm
<b>F</b>	0.8mm +/-0.05mm
<b>G</b>	0.5mm NOM

**Packaging Specifications**

<b>Packaging:</b>	Pizza
<b>Packaging Quantity:</b>	126

**Specifications**

<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	630 VDC (85C), 466.2 VDC (105C)
<b>Voltage AC:</b>	400 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>	1,100 V
<b>Inductance:</b>	6 nH