

**KEMET Part Number: PHE450HT7120JR06L2**  
(F450FH125J250C)

**KEMET**

a YAGEO company

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1.2 uF, 5%, 250 VDC, 85°C, Lead Spacing = 27.5mm



**General Information**

<b>Series:</b>	PHE450/F450
<b>Dielectric:</b>	Double Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>AEC-Q200:</b>	No
<b>Miscellaneous:</b>	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthja= 37 C/W (85C), 0.2 m/s.

**Dimensions**

<b>L</b>	31.5mm -0.7mm
<b>H</b>	12.5mm -0.7mm
<b>T</b>	21mm -0.7mm
<b>S</b>	27.5mm +0.4/-0.4mm
<b>LL</b>	6mm -1mm
<b>F</b>	0.8mm +/-0.05mm
<b>G</b>	0.5mm NOM

**Specifications**

<b>Capacitance:</b>	1.2 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	180 VAC
<b>Voltage DC:</b>	250 VDC (85C), 185 VDC (105C)
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.03% 1kHz
<b>Insulation Resistance:</b>	25 GOhms
<b>Max dV/dt:</b>	300 V/us
<b>Inductance:</b>	6 nH

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	108

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