

**KEMET Part Number: PHE450RR6180JR06L2** Not for New Design  
(F450RF184J1K6Z)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.18 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 37.5mm



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. Rthha= 27 C/W (85C), 0.2 m/s

Dimensions	
<b>L</b>	41mm MAX
<b>H</b>	24mm MAX
<b>T</b>	13mm MAX
<b>S</b>	37.5mm +0.4/-0.4mm
<b>LL</b>	18.5mm +0.5mm
<b>F</b>	1mm +/-0.05mm
<b>G</b>	0.5mm NOM

Specifications	
<b>Capacitance:</b>	0.18 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	650 VAC
<b>Voltage DC:</b>	1600 VDC (85C), 1184 VDC (105C)
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.03% 1kHz, 0.06% 10kHz
<b>Insulation Resistance:</b>	166.667 GOhms
<b>Max dV/dt:</b>	800 V/us
<b>Inductance:</b>	6 nH

Packaging Specifications	
<b>Packaging:</b>	Pizza, Box
<b>Packaging Quantity:</b>	140

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