

**KEMET Part Number: PHE450PR7100JR02R06L2**  
(F450RK105J1K0Z)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 5%, 1000 VDC, 85C, Lead Spacing = 37.5mm



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

Dimensions	
L	41mm MAX
H	32mm MAX
T	16.5mm MAX
S	37.5mm +/-0.4mm
LL	18.5mm +0.5mm
F	1mm +/-0.05mm
G	0.5mm NOM

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

Packaging Specifications	
Packaging:	Pizza, Box
Packaging Quantity:	105