

**KEMET Part Number: PHE450PF6680JF14R06L2**  
(F450FR684J1K0C)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 1000 VDC, 85C, Lead Spacing = 27.5mm



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= 28 C/W (85C), 0.2 m/s

Dimensions	
L	31.5mm MAX
H	28mm MAX
T	17.5mm MAX
S	27.5mm +/-0.4mm
LL	6mm -1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	0.68 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:	44.118 GOhms
Max dV/dt:	1300 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	126