

**KEMET Part Number: PHE450SR6680JR08R06L2**  
(F450RS684J2K0C)

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PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 2000 VDC, 85°C, Lead Spacing = 37.5mm



General Information	
Series:	PHE450/F450
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 18 C/W (85C), 0.2 m/s.

Dimensions	
L	41mm -0.7mm
H	43mm -0.7mm
T	28mm -0.7mm
S	37.5mm +0.4/-0.4mm
LL	6mm -1mm
F	1mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	0.68 uF
Capacitance Tolerance:	5%
Voltage AC:	700 VAC
Voltage DC:	2000 VDC (85C), 1480 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance:	44.118 GOhms
Max dV/dt:	800 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	54

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