

**KEMET Part Number: PHE450SB4680JR06**  
(F450BD682J2K0C)

Capacitor, Film, Double Metallized Polypropylene, 6800 pF, +/-5% Tol, -55/+105C, General Purpose, 2000 VDC@85C, Lead Spacing=15 mm



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	18	MAX
H	10.5	MAX
T	5.5	MAX
S	15	+/-0.4
LL	6	-1
G	0.5	NOM
F	0.8	+/-0.05

Packaging Specifications	
Package Kind:	Bulk
Package Quantity:	1000

General Information	
Supplier:	KEMET
Dielectric:	Double Metallized Polypropylene
Application:	General Purpose
Sub Application:	DC or AC applications
Style:	Radial Box
Lead Form:	Wire Leads
Features:	Pulse
RoHS:	Yes

Specifications	
Capacitance:	6800 pF
Voltage:	2000 VDC
Tolerance:	+/-5%
Voltage AC:	700 VAC
Voltage:	1480 VDC (105C)
Rated Temperature:	85C
Temperature Range:	-55/+105C
Dissipation Factor @ 1 kHz:	0.03%
Dissipation Factor @ 10 kHz:	0.04%
Dissipation Factor @ 100kHz:	0.15%
Insulation Resistance:	4411.76 GOhm
Inductance:	6
Maximum dVdT:	2500 v/us
Miscellaneous:	The Rated Voltage Decreases 1.3%/C Between +85C And +105C
Miscellaneous:	Rthha= 98 C/W (85C), 0.2 m/s