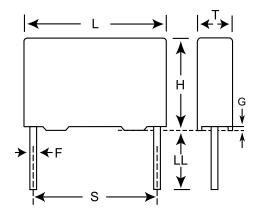
## **KEMET Part Number: PHE450SB4680JR06**

(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	
Н	10.5	MAX	
Т	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	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

