

**KEMET Part Number: PHE450HK3680JR17**  
(F450KG681J250A)

Capacitor, film, 680 pF, +/-5% Tol, -55/+105C, General Purpose, 250 VDC@85C, Lead Spacing=7.5 mm



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	10	MAX
H	8	MAX
T	4	MAX
S	7.5	+/-0.4
LL	17	-1
G	0.5	NOM
F	0.6	+/-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
RoHS:	Yes

Specifications	
Capacitance:	680 pF
Voltage:	250 VDC
Tolerance:	+/-5%
Voltage AC:	180 VAC
Voltage:	185 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:	44117.65 GOhm
Inductance:	6
Maximum dVdT:	2000 v/us
Miscellaneous:	The rated voltage decreases 1.3%/C between +85C and +105C
Miscellaneous:	Rthha= 160 C/W (85C), 0.2 m/s