

KEMET Part Number: PHE450TB5100JB16R17
(F450BY103J2K5A)

Capacitor, film, 0.01 uF, +/-5% Tol, -55/+105C, General Purpose, 2500 VDC@85C, Lead Spacing=15 mm



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	18	MAX
H	19	MAX
T	11	MAX
S	15	+/-0.4
LL	17	-1
G	0.5	NOM
F	0.8	+/-0.05

Packaging Specifications	
Package Kind:	Bulk
Package Quantity:	250

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:	0.01 uF
Voltage:	2500 VDC
Tolerance:	+/-5%
Voltage AC:	900 VAC
Voltage:	1850 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:	3000 GOhm
Inductance:	6
Maximum dVdT:	2500 v/us
Miscellaneous:	The rated voltage decreases 1.3%/C between +85C and +105C
Miscellaneous:	Rthha= 55 C/W (85C), 0.2 m/s