

KEMET Part Number: PHE450TB5100JB16R17
(F450BY103J2K5A)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.01 uF, 5%, 2500 VDC, 85°C, Lead Spacing = 15mm



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

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	250

General Information	
Supplier:	KEMET
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. Rthja= 55 C/W (85C), 0.2 m/s

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	5%
Voltage AC:	900 VAC
Voltage DC:	2500 VDC (85C), 1850 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	3000 GOhms
Max dV/dt:	2500 V/us
Inductance:	6 nH