

KEMET Part Number: PHE450TB5100JB16R17
(F450BY103J2K5A)



Film, Double Metallized Polypropylene, Commercial Grade, PHE450/F450, 0.01 uF, 5%, 2,500 V, 85C, Lead Spacing = 15mm



General Information	
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Series:	PHE450/F450
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
Miscellaneous:	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 55 C/W (85C), 0.2 m/s

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

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	5%
Voltage DC:	2500 VDC (85C), 1850 VDC (105C)
Voltage AC:	900 VAC
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	3000 GOhms
Max dVdt:	2,500 V
Inductance:	6 nH

Packaging Specifications	
Packaging:	Bulk
Packaging Quantity:	250

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