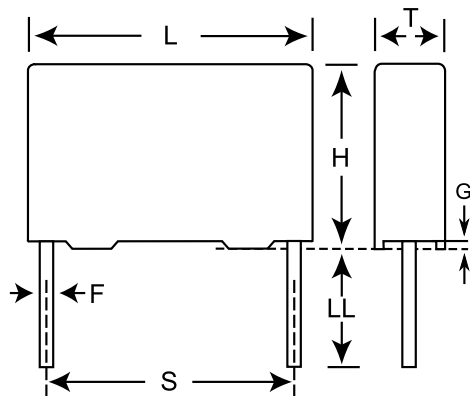


**KEMET Part Number: PHE450XB4100JB04R17**  
(F450BD102J3K0A)

Film, Double Metallized Polypropylene, Commercial Grade, PHE450/F450, 1000 pF, 5%, 3,000 V, 85C, Lead Spacing = 15mm



General Information	
<b>Dielectric:</b>	Double Metallized Polypropylene
<b>Style:</b>	Radial
<b>Series:</b>	PHE450/F450
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Miscellaneous:</b>	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 98 C/W (85C), 0.2 m/s

Dimensions	
<b>L</b>	18mm MAX
<b>H</b>	10.5mm MAX
<b>T</b>	5.5mm MAX
<b>S</b>	15mm +/-0.4mm
<b>LL</b>	17mm -1mm
<b>F</b>	0.8mm +/-0.05mm
<b>G</b>	0.5mm NOM

Specifications	
<b>Capacitance:</b>	1000 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	3000 VDC, 2220 VDC (105C)
<b>Voltage AC:</b>	1000 VAC
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
<b>Insulation Resistance:</b>	30000 GOhms
<b>Max dVdt:</b>	2,500 V
<b>Inductance:</b>	6 nH

Packaging Specifications	
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	800