

**KEMET Part Number: PHE450SB4100JR06**  
(F450BD102J2K0C)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1000 pF, 5%, 2000 VDC, 85°C, Lead Spacing = 15mm



Dimensions	
L	18mm MAX
H	10.5mm MAX
T	5.5mm MAX
S	15mm +/-0.4mm
LL	6mm -1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1000

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= 98 C/W (85C), 0.2 m/s

Specifications	
Capacitance:	1000 pF
Capacitance Tolerance:	5%
Voltage AC:	700 VAC
Voltage DC:	2000 VDC (85C), 1480 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	30000 GOhms
Max dV/dt:	2500 V/us
Inductance:	6 nH

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