

**KEMET Part Number: PHE450PK3470JR05**  
(F450KG471J1K0C)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 470 pF, 5%, 1000 VDC, 85C, Lead Spacing = 7.5mm



General Information	
Supplier:	KEMET
Series:	PHE450/F450
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
Miscellaneous:	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 160 C/W (85C), 0.2 m/s

Dimensions	
L	10mm MAX
H	8mm MAX
T	4mm MAX
S	7.5mm +/-0.4mm
LL	5mm -1mm
F	0.6mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1000

Specifications	
Capacitance:	470 pF
Capacitance Tolerance:	5%
Voltage AC:	375 VAC
Voltage DC:	1000 VDC (85C), 740 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	63829.787 GOhms
Max dV/dt:	2000 V/us
Inductance:	6 nH