

**KEMET Part Number: PHE450RB5470JR25**  
(F450BV473J1K6A)

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PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.047  $\mu$ F, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



General Information	
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= 60 C/W (85C), 0.2 m/s.

Dimensions	
L	18mm MAX
H	17.5mm MAX
T	9.5mm MAX
S	15mm +0.4/-0.4mm
LL	17mm -1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	0.047 $\mu$ F
Capacitance Tolerance:	5%
Voltage AC:	650 VAC
Voltage DC:	1600 VDC (85C), 1184 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	638.298 GOhms
Max dV/dt:	2500 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	300

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