

**KEMET Part Number: PHE450HK4100JR17TA**  
(F450KG102J250R)



PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1000 pF, 5%, 250 VDC, 85°C, Lead Spacing = 7.5mm



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. Rthha= 160 C/W (85C), 0.2 m/s.

Dimensions	
L	10mm -0.5mm
H	8mm -0.5mm
T	4mm -0.5mm
S	7.5mm +0.4/-0.4mm
H0	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	1000 pF
Capacitance Tolerance:	5%
Voltage AC:	180 VAC
Voltage DC:	250 VDC (85C), 185 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	2000 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Ammo, 330x330x50mm, Box
Packaging Quantity:	1900

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