

**KEMET Part Number: PHE450KR7100JR06L2** Not for New Design  
(F450RF105J400Z)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 5%, 400 VDC, 85°C, Lead Spacing = 37.5mm



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= 27 C/W (85C), 0.2 m/s

Dimensions	
L	41mm MAX
H	24mm MAX
T	13mm MAX
S	37.5mm +0.4/-0.4mm
LL	18.5mm +0.5mm
F	1mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	400 VDC (85C), 296 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	300 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Pizza, Box
Packaging Quantity:	140

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