

KEMET Part Number: PHE450MR7100JR30L2
(F450RH105J630A)

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PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 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 -0.7mm
H	26mm -0.7mm
T	15mm -0.7mm
S	37.5mm +0.4/-0.4mm
LL	30mm +5mm
F	1mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications	
Packaging:	Bulk, Bag

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	5%
Voltage AC:	400 VAC
Voltage DC:	630 VDC (85C), 466.2 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	700 V/us
Inductance:	6 nH

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