

KEMET Part Number: PHE844RF7100MR30L2
(F844FV105M440ALW0L, PHE844RF7100MF16R30L2)

Capacitor, Film, Metallized Polypropylene, 1 uF, +/-20% Tol, -40/+105C, Safety: X1, 440 VAC, Lead Spacing=27.5 mm



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	31.5	MAX
H	30	MAX
T	21	MAX
S	27.5	+/-0.4
LL	30	-1
F	0.8	+/-0.05

Packaging Specifications	
Package Kind:	Bulk
Package Type:	Tray
Package Quantity:	108

General Information	
Supplier:	KEMET
Dielectric:	Metallized Polypropylene
Application:	Safety: X1
Style:	Radial Box
Lead Form:	Wire Leads
Features:	Pulse
Approvals:	ENEC,UL,cUL
RoHS:	Yes

Specifications	
Capacitance:	1 uF
Voltage:	1000 VDC
Tolerance:	+/-20%
Voltage AC:	440 VAC
Voltage:	480 VAC (UL, cUL)
Rated Temperature:	105C
Temperature Range:	-40/+105C
Dissipation Factor @ 1 kHz:	0.1%
Dissipation Factor @ 10 kHz:	0.4%
Insulation Resistance:	10 GOhm
Maximum dVdT:	100 v/us
Miscellaneous:	ClimCat: 40/105/56/B