

## PHE450PR7100JR02R06L2

Aliases (F450RK105J1K0C)

Not for New Design

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 5%, 1,000 VDC, 85°C, 37.5 mm



Click [here](#) for the 3D model.

### General Information

Series	PHE450/F450
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Typical Component Weight	23 g
Miscellaneous	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 20 C/W (85C), 0.2 m/s.
Notes	Series Replaced by R76.

### Dimensions

L	41mm -0.7mm
H	32mm -0.7mm
T	16.5mm -0.7mm
S	37.5mm +0.4/-0.4mm
LL	6mm -1mm
F	1mm +/-0.05mm
G	0.5mm NOM

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	105

### Specifications

Capacitance	1 uF
Tolerance	5%
Voltage DC	1000 VDC (85C), 740 VDC (105C)
Voltage AC	600 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	800 V/us
Inductance	6 nH

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