

**KEMET Part Number: PHE450RD6100JR06L2** Not for New Design  
(F450DR104J1K6Z)

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PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



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. Rthja= 48 C/W (85C), 0.2 m/s.

Dimensions	
L	26mm -0.5mm
H	19mm -0.5mm
T	10.5mm -0.5mm
S	22.5mm +0.4/-0.4mm
LL	18.5mm +0.5mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	650 VAC
Voltage DC:	1600 VDC (85C), 1184 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:	1800 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Pizza, Box
Packaging Quantity:	264

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