

**KEMET Part Number: PHE450ST6180JR06L2**  
(F450FT184J2K0C)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.18 uF, 5%, 2000 VDC, 85°C, Lead Spacing = 27.5mm



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= 28 C/W (85C), 0.2 m/s

Dimensions	
L	31.5mm MAX
H	19mm MAX
T	31mm MAX
S	27.5mm +0.4/-0.4mm
LL	6mm -1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	0.18 uF
Capacitance Tolerance:	5%
Voltage AC:	700 VAC
Voltage DC:	2000 VDC (85C), 1480 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance:	166.667 GOhms
Max dV/dt:	1300 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	72

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