

**KEMET Part Number: PHE450KK5180JR17TA**  
(F450KK183J400R)

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a YAGEO company

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.018 uF, 5%, 400 VDC, 85°C, Lead Spacing = 7.5mm



### General Information

<b>Series:</b>	PHE450/F450
<b>Dielectric:</b>	Double Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>AEC-Q200:</b>	No
<b>Miscellaneous:</b>	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 160 C/W (85C), 0.2 m/s.

### Dimensions

<b>L</b>	10mm -0.5mm
<b>H</b>	11mm -0.5mm
<b>T</b>	5mm -0.5mm
<b>S</b>	7.5mm +0.4/-0.4mm
<b>H<sub>0</sub></b>	18.5mm +/-0.5mm
<b>F</b>	0.6mm +/-0.05mm
<b>G</b>	0.5mm NOM

### Specifications

<b>Capacitance:</b>	0.018 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	250 VAC
<b>Voltage DC:</b>	400 VDC (85C), 296 VDC (105C)
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dV/dt:</b>	1200 V/us
<b>Inductance:</b>	6 nH

### Packaging Specifications

<b>Packaging:</b>	Ammo, 330x330x50mm, Box
<b>Packaging Quantity:</b>	1500

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