

**KEMET Part Number: PHE448SB3220JR06**  
(F448BD221J2K0C)

Film, Film/Foil Polypropylene, Commercial Grade, PHE448/F448, 220 pF, 5%, 2,000 V, 85C, Lead Spacing = 15mm



General Information	
<b>Dielectric:</b>	Film/Foil Polypropylene
<b>Style:</b>	Radial
<b>Series:</b>	PHE448/F448
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Miscellaneous:</b>	Not For New Design, Please Check Possible Alternative Parts (AltPart). Rthha= 87 C/W (85C), 0.2 m/s

Dimensions	
<b>L</b>	18mm MAX
<b>H</b>	10.5mm MAX
<b>T</b>	5.5mm MAX
<b>S</b>	15mm +/-0.4mm
<b>LL</b>	6mm -1mm
<b>F</b>	0.8mm +/-0.05mm
<b>G</b>	0.5mm NOM

Specifications	
<b>Capacitance:</b>	220 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	2000 VDC, 1480 VDC (105C)
<b>Voltage AC:</b>	700 VAC
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	0.03% 1kHz, 0.05% 10kHz, 0.1% 100kHz
<b>Insulation Resistance:</b>	136.3636 GOhms
<b>Max dVdt:</b>	25,000 V
<b>Inductance:</b>	6 nH

Packaging Specifications	
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	1000