

**KEMET Part Number: PHE448RB4150JR17T0**  
(F448BD152J1K6L)

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PHE448/F448, Film, Film/Foil Polypropylene, General Purpose, 1500 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



General Information	
Series:	PHE448/F448
Dielectric:	Film/Foil Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Rthha= 87 C/W (85C), 0.2 m/s.
Notes:	Not For New Design, Please Check Possible Alternative Parts (AltPart).

Dimensions	
L	18mm -0.5mm
H	10.5mm -0.5mm
T	5.5mm -0.5mm
S	15mm +0.6/-0.1mm
H <sub>0</sub>	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	1500 pF
Capacitance Tolerance:	5%
Voltage AC:	650 VAC
Voltage DC:	1600 VDC, 1184 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.05% 10kHz, 0.1% 100kHz
Insulation Resistance:	20 GOhms
Max dV/dt:	15000 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	600

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