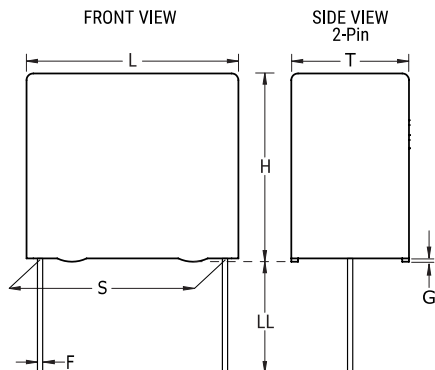


**KEMET Part Number: PHE448SB4150JR06** Not for New Design  
(F448BJ152J2K0C)

**KEMET**  
a YAGEO company

PHE448/F448, Film, Film/Foil Polypropylene, General Purpose, 1500 pF, 5%, 2000 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
Component Weight:	2 g
Miscellaneous:	Rthha= 82 C/W (85C), 0.2 m/s.

Dimensions	
L	18mm -0.5mm
H	12.5mm -0.5mm
T	6.5mm -0.5mm
S	15mm +/-0.4mm
LL	6mm -1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	1500 pF
Capacitance Tolerance:	5%
Voltage AC:	700 VAC
Voltage DC:	2000 VDC, 1480 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:	25000 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

**KEMET**  
a YAGEO company