

KEMET Part Number: PHE448RB5100JR06
(F448BQ103J1K6C)

PHE448/F448, Film, Film/Foil Polypropylene, General Purpose, 0.01 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



Dimensions	
L	18mm MAX
H	16mm MAX
T	8.5mm MAX
S	15mm +/-0.4mm
LL	6mm -1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	600

General Information	
Supplier:	KEMET
Series:	PHE448/F448
Dielectric:	Film/Foil Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Rthha= 70 C/W (85C), 0.2 m/s
Notes:	Not For New Design, Please Check Possible Alternative Parts (AltPart)

Specifications	
Capacitance:	0.01 uF
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, 0.10% 100kHz
Insulation Resistance:	3 GOhms
Max dV/dt:	15000 V/us
Inductance:	6 nH