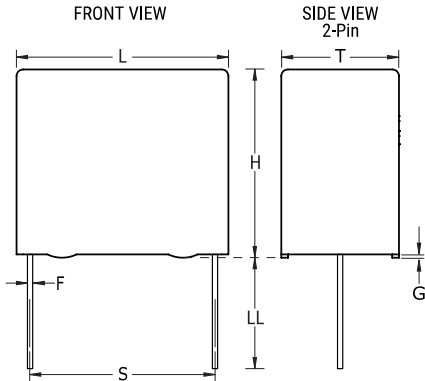


KEMET Part Number: PHE448RB5100JR06
(F448BQ103J1K6C)

PHE448/F448, Film, Film/Foil Polypropylene, General Purpose, 0.01 uF, 5%, 1600 VDC, 85C, 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/+105C
Rated Temperature:	85C
Dissipation Factor:	0.03% 1kHz, 0.05% 10kHz, 0.1% 100kHz
Insulation Resistance:	3 GOhms
Max dV/dt:	15000 V/us
Inductance:	6 nH

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.