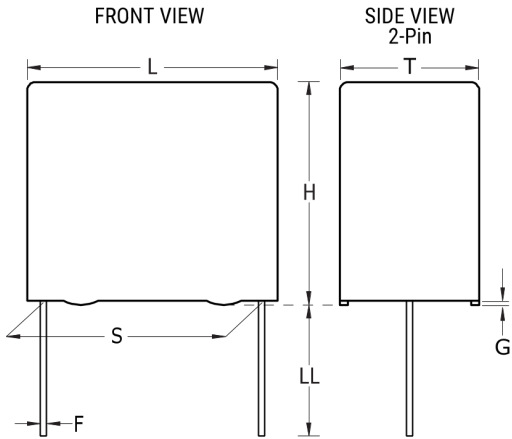


**PHE450MB5120JR06**

Aliases (F450BD123J630C)

Not for New Design

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.012 uF, 5%, 630 VDC, 85°C, 15mm



Click [here](#) for the 3D model.

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

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1000

General Information	
Series	PHE450/F450
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	1.35 g
Miscellaneous	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 99 C/W (85C), 0.2 m/s.
Notes	Series Replaced by R76.

Specifications	
Capacitance	0.012 uF
Capacitance Tolerance	5%
Voltage AC	400 VAC
Voltage DC	630 VDC (85C), 466.2 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	2500 V/us
Inductance	6 nH

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