

## PHE450MB5100JR06

Aliases (F450BD103J630C)

## Not for New Design

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.01 uF, 5%, 630 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

Dimensions		
L	18mm -0.5mm	
н	10.5mm -0.5mm	
т	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 Quantity 1000	Packaging	Bulk, Bag
Packaging Quantity 1000	Packaging Quantity	1000

General Information		
Series	PHE450/F450	
Dielectric	Double Metallized Polypropylene	
Style	Radial	
Features	Pulse	
RoHS	Yes	
Lead	Wire Leads	
AEC-Q200	No	
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	0.01 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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