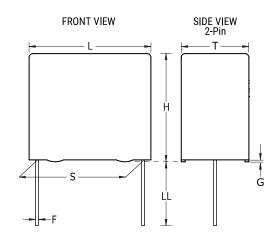


## PHE450HK5100JR05

Aliases (F450KG103J250C)

Not for New Design

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.01 uF, 5%, 250 VDC, 85°C, 7.5 mm



Click	horo	for	tha	3D	model.
CIICK	nere	101	me	30	model.

General Information	
Series	PHE450/F450
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	0.465 g
Miscellaneous	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 160 C/W (85C), 0.2 m/s.
Notes	Series Replaced by R76.

Dimensions				
L	10mm -0.5mm			
Н	8mm -0.5mm			
Т	4mm -0.5mm			
S	7.5mm +0.4/-0.4mm			
LL	5mm -1mm			
F	0.6mm +/-0.05mm			
G	0.5mm NOM			
Packaging Specifications				
Packaging	Bulk, Bag			
Packaging Quantity	1000			

Specifications	
Capacitance	0.01 uF
Tolerance	5%
Voltage DC	250 VDC (85C), 185 VDC (105C)
Voltage AC	180 VAC
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	1,200 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.

Generated 07/06/2025 © 2006 - 2025 YAGEO