

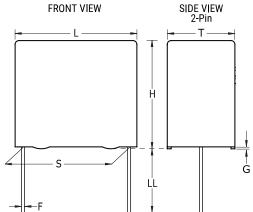
PHE450SF6100JF12R30L2

General Information

Series Dielectric

Aliases (F450FG104J2K0A) PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 2,000 VDC, 85°C, 27.5 mm

PHE450/F450



S G		Dielectric	Double Metallized Polypropylene
		Style	Radial
		Features	Pulse
		RoHS	Yes
		Lead	Wire Leads
	S	AEC-Q200	No
_		Miscellaneous	The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 34 C/W (85C), 0.2 m/s.
	Click here for the 3D model.		
Dimensio	ons	Specifications	
L	31.5mm -0.7mm	Capacitance	0.1 uF

Dimensions			
L	31.5mm -0.7mm		
Н	22.5mm -0.7mm		
Т	11.5mm -0.7mm		
S	27.5mm +0.4/-0.4mm		
LL	30mm +5mm		
F	0.8mm +/-0.05mm		
G	0.5mm NOM		
Packaging Specifications			
Packaging	Bulk, Bag		

Specifications			
Capacitance	0.1 uF		
Tolerance	5%		
Voltage DC	2000 VDC (85C), 1480 VDC (105C)		
Voltage AC	700 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	1,300 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.

© 2006 - 2025 YAGEO Generated 05/23/2025