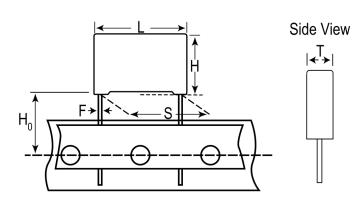


## **R74NF1390CK00K**

Aliases (74NF1390CK00K)

## Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 3900 pF, 10%, 1300 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

Dimensions		
L	13mm +0.2/-0.5mm	
Н	11mm +0.1/-0.5mm	
Т	5mm +0.2/-0.5mm	
S	10mm +0.6/-0.1mm	
НО	18.5mm +/-0.5mm	
F	0.6mm +/-0.05mm	

Packaging Specifications	
Packaging	T&R, Large
Packaging Quantity	1250

General Information		
Series	R74	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	
Notes	Series Replaced by R75.	

Specifications				
Capacitance	3900 pF			
Capacitance Tolerance	10%			
Voltage AC	400 VAC			
Voltage DC	1300 VDC			
Temperature Range	-55/+105°C			
Rated Temperature	85°C			
Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz			
Insulation Resistance	100 GOhms			
Max dV/dt	2200 V/us			
Resistance	163.2 mOhms (100kHz)			
Ripple Current	1 Amps (100kHz 85C), 9 Amps (Peak)			
Inductance	9 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.