

**KEMET Part Number: R74NI2220AA00K** **Not for New Design**  
(74NI2220AA00K)



R74, Film, Metallized Polypropylene, Automotive Grade, 0.022 uF, 10%, 1300 VDC, 85°C, Lead Spacing = 15mm



#### Dimensions

L	18mm +/-0.5mm
H	13.5mm +0.1/-0.5mm
T	7.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

#### Packaging Specifications

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	1000

#### General Information

<b>Series:</b>	R74
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Automotive Grade, Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Cut
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Component Weight:</b>	2.479 g
<b>Miscellaneous:</b>	Above 85C DC And AC Voltage Derating Is 1.25%/C.

#### Specifications

<b>Capacitance:</b>	0.022 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	400 VAC
<b>Voltage DC:</b>	1300 VDC
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dV/dt:</b>	2000 V/us
<b>Resistance:</b>	28.9 mOhms (100kHz)
<b>Ripple Current:</b>	3.7 Amps (100kHz 85C), 44 Amps (Peak)
<b>Inductance:</b>	10 nH

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