

**KEMET Part Number: R49AR41005001M**  
(49AR41005001M)

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a YAGEO company

R49 310 VAC, Film, Metallized Polypropylene, Safety, 1 uF, 20%, 310 VAC (X1), 800 VDC, 110°C, Lead Spacing = 27.5mm



#### General Information

<b>Series:</b>	R49 310 VAC
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	EMI Safety
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Safety Class:</b>	X1
<b>Qualifications:</b>	ENEC, UL, cUL
<b>AEC-Q200:</b>	No
<b>THB Performance:</b>	No

#### Dimensions

<b>L</b>	32mm +0.3/-0.7mm
<b>H</b>	28mm +0.1/-0.7mm
<b>T</b>	14mm +0.2/-0.7mm
<b>S</b>	27.5mm +/-0.4mm
<b>LL</b>	25mm +2/-1mm
<b>F</b>	0.8mm +/-0.05mm

#### Specifications

<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage AC:</b>	310 VAC (X1)
<b>Voltage DC:</b>	800 VDC
<b>Temperature Range:</b>	-40/+110°C
<b>Rated Temperature:</b>	110°C
<b>Dissipation Factor:</b>	0.1% 1kHz
<b>Insulation Resistance:</b>	30 GOhms
<b>Max dV/dt:</b>	200 V/us

#### Packaging Specifications

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	176

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