

**KEMET Part Number: R523N356050P1M**  
(523N356050P1M)

**KEMET**

a YAGEO company

R52 310 VAC MINI, Film, Metallized Polypropylene, Automotive Safety, 0.56  $\mu$ F, 20%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 22.5mm



#### Dimensions

<b>L</b>	26.5mm +0.3/-0.5mm
<b>H</b>	15mm +0.1/-0.5mm
<b>T</b>	6mm +0.2/-0.5mm
<b>S</b>	22.5mm +/-0.4mm
<b>LL</b>	25mm +2/-1mm
<b>F</b>	0.8mm +/-0.05mm

#### Packaging Specifications

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	500

#### General Information

<b>Series:</b>	R52 310 VAC MINI
<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>	X2
<b>Qualifications:</b>	ENEC, UL, cUL, CQC, AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>THB Performance:</b>	Yes

#### Specifications

<b>Capacitance:</b>	0.56 $\mu$ F
<b>Capacitance Tolerance:</b>	20%
<b>Voltage AC:</b>	310 VAC (X2)
<b>Voltage DC:</b>	630 VDC
<b>Temperature Range:</b>	-40/+110°C
<b>Rated Temperature:</b>	110°C
<b>Dissipation Factor:</b>	0.2% 1KHz
<b>Insulation Resistance:</b>	16.8 GOhms
<b>Max dV/dt:</b>	200 V/us

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