

**KEMET Part Number: R413I168050T0K**  
(413I168050T0K)

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a YAGEO company

R41T, Film, Metallized Polypropylene, Automotive Safety, 6800 pF, 10%, 300 VAC (Y2), 125°C, Lead Spacing = 15mm



#### General Information

<b>Series:</b>	R41T
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Automotive Grade, EMI Safety
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Safety Class:</b>	Y2
<b>Qualifications:</b>	AEC-Q200, ENEC, UL, cUL, CQC
<b>AEC-Q200:</b>	Yes

#### Dimensions

<b>L</b>	18mm +0.3/-0.5mm
<b>H</b>	11mm +0.1/-0.5mm
<b>T</b>	5mm +0.2/-0.5mm
<b>S</b>	15mm +/-0.4mm
<b>LL</b>	25mm +2/-1mm
<b>F</b>	0.6mm +/-0.05mm

#### Specifications

<b>Capacitance:</b>	6800 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	300 VAC (Y2)
<b>Temperature Range:</b>	-40/+125°C
<b>Rated Temperature:</b>	125°C
<b>Dissipation Factor:</b>	0.3% 1kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dV/dt:</b>	600 V/us

#### Packaging Specifications

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

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