

**KEMET Part Number: R523I368050P0K**  
(523I368050P0K)

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a YAGEO company

R52 310 VAC MINI, Film, Metallized Polypropylene, Automotive Safety, 0.68  $\mu$ F, 10%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 15mm



#### Dimensions

L	18mm +0.3/-0.5mm
H	19mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

#### Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	350

#### General Information

Series:	R52 310 VAC MINI
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	EMI Safety
RoHS:	Yes
Lead:	Wire Leads
Safety Class:	X2
Qualifications:	ENEC, UL, cUL, CQC, AEC-Q200
AEC-Q200:	Yes
THB Performance:	Yes

#### Specifications

Capacitance:	0.68 $\mu$ F
Capacitance Tolerance:	10%
Voltage AC:	310 VAC (X2)
Voltage DC:	630 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	110°C
Dissipation Factor:	0.2% 1KHz
Insulation Resistance:	20.4 GOhms
Max dV/dt:	400 V/us

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