

**KEMET Part Number: R49AR36800001K**  
(49AR36800001K)

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R49 310 VAC, Film, Metallized Polypropylene, Safety, 0.68 uF, 10%, 310 VAC (X1), 800 VDC, 110°C, Lead Spacing = 27.5mm



### Dimensions

L	32mm +0.3/-0.7mm
H	22mm +0.1/-0.7mm
T	13mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging:	Tray
Packaging Quantity:	480

### General Information

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

### Specifications

Capacitance:	0.68 uF
Capacitance Tolerance:	10%
Voltage AC:	310 VAC (X1)
Voltage DC:	800 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	110°C
Dissipation Factor:	0.1% 1kHz
Insulation Resistance:	44.1176 GOhms
Max dV/dt:	200 V/us

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