

KEMET Part Number: R747R3100AA00K
(747R3100AA00K)

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R74, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 2000 VDC, 85°C, Lead Spacing = 27.5mm



General Information	
Series:	R74
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Cut
AEC-Q200:	No
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

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

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage AC:	700 VAC
Voltage DC:	2000 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	700 V/us
Resistance:	12.7 mOhms (100kHz)
Ripple Current:	7.3 Amps (100kHz 85C), 70 Amps (Peak)
Inductance:	18 nH

Packaging Specifications	
Packaging:	Tray
Packaging Quantity:	480

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