

KEMET Part Number: R745R3270CK00K
(745R3270CK00K)

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R74, Film, Metallized Polypropylene, General Purpose, 0.27 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 27.5mm



General Information	
Series:	R74
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
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 +0.6/-0.1mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	T&R, Large
Packaging Quantity:	300

Specifications	
Capacitance:	0.27 uF
Capacitance Tolerance:	10%
Voltage AC:	500 VAC
Voltage DC:	1600 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	500 V/us
Resistance:	35.4 mOhms (100KHz)
Ripple Current:	4.4 Amps (100kHz 85C), 135 Amps (Peak)
Inductance:	18 nH

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