

KEMET Part Number: R74NF1270DQ00J
(74NF1270DQ00J)

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R74, Film, Metallized Polypropylene, Automotive Grade, 2700 pF, 5%, 1300 VDC, 85°C, Lead Spacing = 10mm



General Information	
Series:	R74
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	13mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.2/-0.5mm
S	10mm +0.6/-0.1mm
H0	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Ammo, 360x340x59mm, Box
Packaging Quantity:	1000

Specifications	
Capacitance:	2700 pF
Capacitance Tolerance:	5%
Voltage AC:	400 VAC
Voltage DC:	1300 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	2200 V/us
Resistance:	235.8 mOhms (100kHz)
Ripple Current:	0.7 Amps (100kHz 85C), 6 Amps (Peak)
Inductance:	9 nH

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