

**KEMET Part Number: R745N2470DQH0K**  
(745N2470DQH0K)

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R74 125C, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



General Information	
Series:	R74 125C
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	26.5mm +0.3/-0.5mm
H	18.5mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	22.5mm +0.6/-0.1mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.047 uF
Capacitance Tolerance:	10%
Voltage AC:	500 VAC
Voltage DC:	1600 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	1200 V/us
Inductance:	18 nH

Packaging Specifications	
Packaging:	Ammo, 360x340x59mm, Box
Packaging Quantity:	235

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