

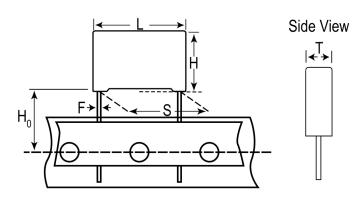
## R75IF2470CK30J

Aliases (75IF2470CK30J)

General Information

Series

R75, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 250 VDC, 85°C, Lead Spacing = 10mm



Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	0.833 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

R75

Click here for the 3D model.

Dimensions	
L	13mm +0.2/-0.5mm
Н	9mm +0.1/-0.5mm
Т	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
НО	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Specifications	
Capacitance	0.047 uF
Capacitance Tolerance	5%
Voltage AC	160 VAC
Voltage DC	250 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	550 V/us
Resistance	23.7 mOhms (100kHz)
Ripple Current	3.28 Amps (100kHz 85C), 27 Amps (Peak)
Inductance	9 nH

Packaging Specifications		
Packaging	T&R, Large	
Packaging Quantity	1500	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.