

R74NW3680AA00K

Aliases (74NW3680AA00K)

Not for New Design

R74, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 10%, 1300 VDC, 85°C, Lead Spacing = 37.5mm



Click here for the 3D model.

Dimensions	
L	41.5mm +0.3/-0.7mm
Н	24mm +0.1/-0.7mm
Т	13mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications		
Packaging	Tray	
Packaging Quantity	360	

General Information		
Series	R74	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Pulse	
RoHS	Yes	
Lead	Cut	
AEC-Q200	No	
Component Weight	15.54 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	
Notes	Series Replaced by R75.	

Specifications		
Capacitance	0.68 uF	
Capacitance Tolerance	10%	
Voltage AC	400 VAC	
Voltage DC	1300 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz	
Insulation Resistance	44.1176 GOhms	
Max dV/dt	180 V/us	
Resistance	14 mOhms (100kHz)	
Ripple Current	7.5 Amps (100kHz 85C), 122 Amps (Peak)	
Inductance	20 nH	

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