

R74NW4100AA00K

Aliases (74NW4100AA00K)

Not for New Design

R74, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 1,300 VDC, 85°C, 37.5 mm



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General Information

Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	21.2 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications

Capacitance	1 uF
Tolerance	10%
Voltage DC	1300 VDC
Voltage AC	400 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	180 V/us
ESR	12.7 mOhms (100kHz)
Ripple Current	8.3 Amps (100kHz 85C), 180 Amps (Peak)
Inductance	20 nH

Dimensions

L	41.5mm +0.3/-0.7mm
H	28.5mm +0.1/-0.7mm
T	16mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	216

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