

R745R4100AA00J

Aliases (745R4100AA00J)

Not for New Design

R74, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 27.5mm



Click here for the 3D model.

Dimensions	
L	32mm +0.3/-0.7mm
Н	37mm +0.1/-0.7mm
Т	22mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Tray	
Packaging Quantity	168	

General Information	
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	36.1 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications	
Capacitance	1uF
Capacitance Tolerance	5%
Voltage AC	500 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	500 V/us
Resistance	12.7 mOhms (100kHz)
Ripple Current	8.7 Amps (100kHz 85C), 500 Amps (Peak)
Inductance	18 nH

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