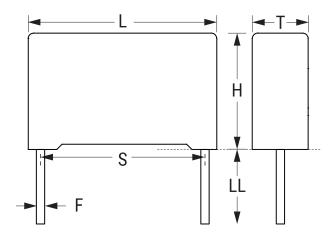


R747R31004000J

Aliases (747R31004000J) Not for New Design R74, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 2,000 VDC, 85°C, 27.5 mm



Click here for the 3D model.

32mm +0.3/-0.7mm
22mm +0.1/-0.7mm
13mm +0.2/-0.7mm
27.5mm +/-0.4mm
30mm +5mm
0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Tray
Packaging Quantity	288

General Information	
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	5.88 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications	
Capacitance	0.1 uF
Tolerance	5%
Voltage DC	2000 VDC
Voltage AC	700 VAC
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	700 V/us
ESR	12.7 mOhms (100kHz)
Ripple Current	7.3 Amps (100kHz 85C), 70 Amps (Peak)
Inductance	18 nH

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.