

## R75PR410050L3J

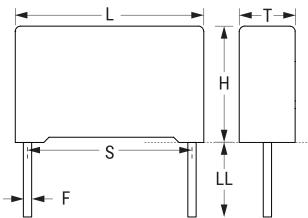
Aliases (75PR410050L3J)

**General Information** 

Series

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 VDC,  $85^{\circ}$ C, 27.5 mm

R75



Click here for the

			Dielectric	Metallized Polypropylene
	!.		Style	Radial
	H		Features	Pulse
			RoHS	Yes
			Termination	Tinned Wire
	<b>A</b>	<b></b> -	Lead	Wire Leads
	- 11		AEC-Q200	No
			Typical Component Weight	12.3 g
	*		Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .
he 3D m	odel.			

L 32mm +0.3/-0.7mm  H 15mm +0.1/-0.7mm  T 24mm +0.2/-0.7mm  S 27.5mm +/-0.4mm  LL 25mm +2/-1mm	Dimensions				
T 24mm +0.2/-0.7mm S 27.5mm +/-0.4mm	L	32mm +0.3/-0.7mm			
S 27.5mm +/-0.4mm	Н	15mm +0.1/-0.7mm			
	Т	24mm +0.2/-0.7mm			
LL 25mm +2/-1mm	S	27.5mm +/-0.4mm			
	LL	25mm +2/-1mm			
F 0.8mm +/-0.05mm	F	0.8mm +/-0.05mm			

Packaging Specifications			
Packaging	Tray		
Packaging Quantity	144		

Specifications				
Capacitance	1uF			
Tolerance	5%			
Voltage DC	630 VDC			
Voltage AC	250 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	210 V/us			
ESR	8 mOhms (100kHz)			
Ripple Current	9.624 Amps (100kHz 85C), 210 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.

Generated 09/08/2025 © 2006 - 2025 YAGEO