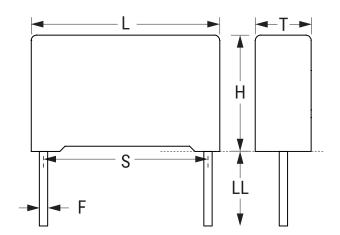


## R75MW427050L3J

Aliases (75MW427050L3J)

**General Information** 

R75, Film, Metallized Polypropylene, General Purpose, 2.7 uF, 5%, 400 VDC, 85°C, 37.5 mm



	Series	R75
	Dielectric	Metallized Polypropylene
	Style	Radial
	Features	Pulse
	RoHS	Yes
	Termination	Tinned Wire
	Lead	Wire Leads
	AEC-Q200	No
	Typical Component Weight	15.4 g
	Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Dimensions			
L	41.5mm +0.3/-0.7mm		
Н	15mm +0.1/-0.7mm		
Т	24mm +0.3/-0.7mm		
S	37.5mm +/-0.4mm		
LL	25mm +2/-1mm		
F	1mm +/-0.05mm		

Packaging Specifications	
Packaging	Tray
Packaging Quantity	108

Specifications				
Capacitance	2.7 uF			
Tolerance	5%			
Voltage DC	400 VDC			
Voltage AC	220 VAC			
Temperature Range	-55/+105°C			
Rated Temperature	85°C			
Dissipation Factor	0.06% 1kHz, 0.08% 10kHz			
Insulation Resistance	11.1111 GOhms			
Max dV/dt	70 V/us			
ESR	8.8 mOhms (100kHz)			
Ripple Current	9.632 Amps (100kHz 85C), 189 Amps (Peak)			
Inductance	20 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.

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