

R75JW42704000J

Aliases (75JW42704000J)

R75, Film, Metallized Polypropylene, Automotive Grade, 2.7 uF, 5%, 1300 VDC, 85°C, Lead Spacing = 37.5mm



Click here for the 3D model.

Dimensions	
L	41.5mm +0.3/-0.7mm
н	44mm +0.1/-0.7mm
т	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	72

General Information	ı
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	Yes
Component Weight	52.59 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications		
Capacitance	2.7 uF	
Capacitance Tolerance	5%	
Voltage AC	400 VAC	
Voltage DC	1300 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Insulation Resistance	11.1111 GOhms	
Max dV/dt	180 V/us	
Resistance	8.842 mOhms (100kHz)	
Ripple Current	11.46 Amps (100kHz 85C), 486 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.