

R75PR4100JE30J

Aliases (75PR4100JE30J)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 VDC, 85° C, 27.5 mm



General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	10.98 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Click here for the 3D model.

Dimensions	
L	32mm +0.3/-0.7mm
Н	22mm +0.1/-0.7mm
Т	13mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Tray	
Packaging Quantity	480	

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	9.3 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 10/16/2025 © 2006 - 2025 YAGEO