

**KEMET Part Number: R75PR4100CK30J**  
(75PR4100CK30J)

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



General Information	
Series:	R75
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	32mm +0.3/-0.7mm
H	22mm +0.1/-0.7mm
T	13mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	T&R, Large
Packaging Quantity:	300

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	630 VDC
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
Resistance:	8 mOhms (100kHz)
Ripple Current:	9.3 Amps (100kHz 85C), 180 Amps (Peak)
Inductance:	18 nH

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