

**KEMET Part Number: R75TN31004030J**  
(75TN31004030J)

Film, Metallized Polypropylene, Commercial Grade, R75, 0.1 uF, 5%, 1,600 V, 85C, Lead Spacing = 22.5mm



General Information	
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Series:</b>	R75
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Approvals:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Miscellaneous:</b>	Above 85C DC And AC Voltage Derating Is 1.25%/C

Dimensions	
<b>L</b>	26.5mm +0.3mm
<b>H</b>	22mm +0.1mm
<b>T</b>	13mm +0.2mm
<b>S</b>	22.5mm +/-0.4mm
<b>LL</b>	30mm +5mm
<b>F</b>	0.8mm +/-0.05mm

Specifications	
<b>Capacitance:</b>	0.1 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	1600 VDC
<b>Voltage AC:</b>	650 VAC
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dVdt:</b>	3,000 V
<b>Inductance:</b>	18 nH

Packaging Specifications	
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	200