

**KEMET Part Number: R75MW427050L3J**  
(75MW427050L3J)

**KEMET**

a YAGEO company

R75, Film, Metallized Polypropylene, Automotive Grade, 2.7 uF, 5%, 400 VDC, 85°C, Lead Spacing = 37.5mm



#### Dimensions

<b>L</b>	41.5mm +0.3/-0.7mm
<b>H</b>	15mm +0.1/-0.7mm
<b>T</b>	24mm +0.3/-0.7mm
<b>S</b>	37.5mm +/-0.4mm
<b>LL</b>	25mm +2/-1mm
<b>F</b>	1mm +/-0.4mm

#### Packaging Specifications

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	108

#### General Information

<b>Series:</b>	R75
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Automotive Grade, Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Miscellaneous:</b>	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

#### Specifications

<b>Capacitance:</b>	2.7 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	220 VAC
<b>Voltage DC:</b>	400 VDC
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.06% 1kHz, 0.08% 10kHz
<b>Insulation Resistance:</b>	11.11111111 GOhms
<b>Max dV/dt:</b>	70 V/us
<b>Resistance:</b>	8.842 mOhms (100kHz)
<b>Ripple Current:</b>	9.632 Amps (100kHz 85C), 189 Amps (Peak)
<b>Inductance:</b>	20 nH

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