

R75H, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 250 VDC, 105°C, Lead Spacing = 22.5mm



**Dimensions**

L	26.5mm +0.3/-0.5mm
H	16mm +0.1/-0.5mm
T	7mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	500

**General Information**

<b>Series:</b>	R75H
<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>Component Weight:</b>	3.7 g
<b>Miscellaneous:</b>	Above 105C DC And AC Voltage Derating Is 1.25%/C.

**Specifications**

<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	160 VAC
<b>Voltage DC:</b>	250 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Rated Temperature:</b>	105°C
<b>Dissipation Factor:</b>	0.05% 1kHz, 0.08% 10kHz
<b>Insulation Resistance:</b>	30 GOhms
<b>Max dV/dt:</b>	130 V/us
<b>Resistance:</b>	7.96 mOhms (100kHz)
<b>Ripple Current:</b>	7.83 Amps (100kHz 90C), 130 Amps (Peak)
<b>Inductance:</b>	16 nH

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