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Dimensions	
L	41.5mm +0.3/-0.7mm
H	40mm +0.1/-0.7mm
T	20mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	126

General Information	
Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	37.7 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	1 uF
Capacitance Tolerance	5%
Voltage AC	600 VAC
Voltage DC	1250 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	550 V/us
Resistance	0.8 mOhms (100kHz)
Ripple Current	18.3 Amps (100kHz 90C), 550 Amps (Peak)
Inductance	20 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.

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