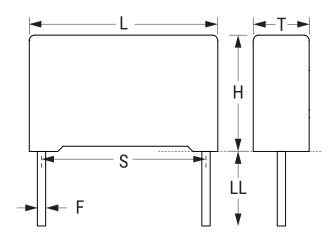


R75GW533050H0J

Aliases (75GW533050H0J) R75H, Film, Metallized Polypropylene, Automotive Grade, 33 uF, 5%, 160 VDC, 105°C, 37.5 mm



Click here for the 3D model.

Dimensions	
L	41.5mm +0.3/-0.7mm
н	45mm +0.1/-0.7mm
Т	30mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging QuantityBulk, Bag60

General Information	
Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	64.5 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Capacitance33 uFTolerance5%Voltage DC160 VDCVoltage AC90 VACTemperature Range-55/+125°CRated Temperature105°CDissipation Factor0.1% 1kHzInsulation Resistance909.1 MOhmsMax dV/dt35 V/usESR1.4 mOhms (100kHz)Ripple Current20.37 Amps (100kHz 90C), 1155 Amps (Peak)	Specifications	
NotationInterfact of the second s	Capacitance	33 uF
Voltage AC90 VACTemperature Range-55/+125°CRated Temperature105°CDissipation Factor0.1% 1kHzInsulation Resistance909.1 MOhmsMax dV/dt35 V/usESR1.4 mOhms (100kHz)Ripple Current29.37 Amps (100kHz 90C), 1155	Tolerance	5%
Temperature Range-55/+125°CRated Temperature105°CDissipation Factor0.1% 1kHzInsulation Resistance909.1 MOhmsMax dV/dt35 V/usESR1.4 mOhms (100kHz)Ripple Current29.37 Amps (100kHz 90C), 1155 Amps (Peak)	Voltage DC	160 VDC
Rated Temperature105°CDissipation Factor0.1% 1kHzInsulation Resistance909.1 MOhmsMax dV/dt35 V/usESR1.4 mOhms (100kHz)Ripple Current29.37 Amps (100kHz 90C), 1155 amps (Peak)	Voltage AC	90 VAC
Dissipation Factor0.1% 1kHzInsulation Resistance909.1 MOhmsMax dV/dt35 V/usESR1.4 mOhms (100kHz)Ripple Current29.37 Amps (100kHz 90C), 1155 Amps (Peak)	Temperature Range	-55/+125°C
Insulation Resistance909.1 MOhmsMax dV/dt35 V/usESR1.4 mOhms (100kHz)Ripple Current29.37 Amps (100kHz 90C), 1155 Amps (Peak)	Rated Temperature	105°C
Max dV/dt35 V/usESR1.4 mOhms (100kHz)Ripple Current29.37 Amps (100kHz 90C), 1155 Amps (Peak)	Dissipation Factor	0.1% 1kHz
ESR 1.4 mOhms (100kHz) Ripple Current 29.37 Amps (100kHz 90C), 1155 Amps (Peak)	Insulation Resistance	909.1 MOhms
Ripple Current 29.37 Amps (100kHz 90C), 1155 Amps (Peak)	Max dV/dt	35 V/us
Amps (Peak)	ESR	1.4 mOhms (100kHz)
Inductance 20 nH	Ripple Current	
Inductance ZOTIIT	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.