## KEMET Part Number: R75RW415050H4J



R75H, Film, Metallized Polypropylene, Automotive Grade, 1.5 uF, 5%, 1250 VDC, 105°C, Lead Spacing = 37.5mm



Dimensions	
L	41.5mm +0.3/-0.7mm
Н	44mm +0.1/-0.7mm
Т	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	72

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

Specifications		
Capacitance:	1.5 uF	
Capacitance Tolerance:	5%	
Voltage AC:	600 VAC	
Voltage DC:	1250 VDC	
Temperature Range:	-55/+125°C	
Rated Temperature:	105°C	
Dissipation Factor:	0.06% 1kHz	
Insulation Resistance:	20 GOhms	
Max dV/dt:	550 V/us	
Resistance:	0.5 mOhms (100kHz)	
Ripple Current:	19.1 Amps (100kHz 90C), 825 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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