

KEMET Part Number: R75RN3150AA30K
(75RN3150AA30K)

KEMET

a YAGEO company

R75, Film, Metallized Polypropylene, Automotive Grade, 0.15 uF, 10%, 1250 VDC, 85°C, Lead Spacing = 22.5mm



Dimensions

L	26.5mm +0.3/-0.5mm
H	22mm +0.1/-0.5mm
T	13mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	300

General Information

Series:	R75
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Cut
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	9.695 g
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance:	0.15 uF
Capacitance Tolerance:	10%
Voltage AC:	600 VAC
Voltage DC:	1250 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	2100 V/us
Resistance:	7.4 mOhms (100kHz)
Ripple Current:	9.26 Amps (100kHz 85C), 315 Amps (Peak)
Inductance:	18 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.

KEMET

a YAGEO company