

KEMET Part Number: R71VR510050H6K
(71VR510050H6K)

KEMET

a YAGEO company

R71H, Film, Metallized Polypropylene, Automotive Grade, 10 uF, 10%, 520 VDC, 85°C, Lead Spacing = 27.5mm



Dimensions

L	32mm +0.3/-0.7mm
H	33mm +0.1/-0.7mm
T	18mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Tray
Packaging Quantity:	128

General Information

Series:	R71H
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	27.5 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance:	10 uF
Capacitance Tolerance:	10%
Voltage AC:	200 VAC
Voltage DC:	520 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	0.15% 25C
Insulation Resistance:	3 GOhms
Max dV/dt:	70 V/us
Resistance:	10.19 mOhms (100kHz)
Ripple Current:	9.251 Amps (100kHz 85C), 700 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