

KEMET Part Number: R71XN447050H0K
(71XN447050H0K)

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a YAGEO company

R71H, Film, Metallized Polypropylene, Automotive Grade, 4.7 uF, 10%, 450 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	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	200

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:	9.2 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance:	4.7 uF
Capacitance Tolerance:	10%
Voltage AC:	160 VAC
Voltage DC:	450 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	0.15% 25C
Insulation Resistance:	6.383 GOhms
Max dV/dt:	70 V/us
Resistance:	10.84 mOhms (100kHz)
Ripple Current:	7.669 Amps (100kHz 85C), 329 Amps (Peak)
Inductance:	16 nH

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