

KEMET Part Number: R745R3100JM00K Not for New Design
(745R3100JM00K)

R74, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 27.5mm



General Information	
Series:	R74
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	18mm +/-1mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage AC:	500 VAC
Voltage DC:	1600 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	500 V/us
Ripple Current:	2.45 Amps (100kHz 85C), 50 Amps (Peak)
Inductance:	18 nH

Packaging Specifications	
Packaging:	Tray
Packaging Quantity:	408

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