

R745N2330JE00K

Aliases (745N2330JE00K) Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 0.033 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

Dimensions	
L	26.5mm +0.3/-0.5mm
Н	16mm +0.1/-0.5mm
т	7mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	,
Packaging	Bulk, Bag
Packaging Quantity	700

General Informati	on
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Capacitance0.033 uFCapacitance Tolerance10%Voltage AC500 VACVoltage DC1600 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Voltage AC500 VACVoltage DC1600 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Voltage DC1600 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Temperature Range-55/+105°CRated Temperature85°CDissipation Factor0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Rated Temperature85°CDissipation Factor0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Dissipation Factor 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
• • • •
Insulation Resistance 100 GOhms
Max dV/dt 1800 V/us
Resistance 24.1 mOhms (100kHz)
Ripple Current 4.5 Amps (100kHz 85C), 59 Amps (Peak)
Inductance 18 nH

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