

## R745F1100JM00K

Aliases (745F1100JM00K) Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 1000 pF, 10%, 1600 VDC, 85°C, Lead Spacing = 10mm



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Dimensions	
L	13mm +0.2/-0.5mm
н	9mm +0.1/-0.5mm
т	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	18mm +/-1mm
F	0.6mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	1800	

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

Specifications	
Capacitance	1000 pF
Capacitance Tolerance	10%
Voltage AC	500 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	6000 V/us
Resistance	636.6 mOhms (100kHz)
Ripple Current	0.3 Amps (100kHz 85C), 6 Amps (Peak)
Inductance	9 nH

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