

R745I1220AA30J

Aliases (745I1220AA30J)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 2200 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



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Dimensions		
L	18mm +0.3/-0.5mm	
Н	10mm +0.1/-0.5mm	
Т	4mm +0.2/-0.5mm	
S	15mm +/-0.4mm	
LL	4mm +2mm	
F	0.8mm +/-0.05mm	

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	2500

General Information		
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.	

Specifications		
Capacitance	2200 pF	
Capacitance Tolerance	5%	
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	4500 V/us	
Resistance	289.4 mOhms (100kHz)	
Ripple Current	0.7 Amps (100kHz 85C), 10 Amps (Peak)	
Inductance	10 nH	

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