

KEMET Part Number: R745F1220AA00J
(745F1220AA00J)

R74, Film, Metallized Polypropylene, Automotive Grade, 2200 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 10mm



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.

Dimensions	
L	13mm +0.2/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1300

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:	6000 V/us
Resistance:	289.4 mOhms (100kHz)
Ripple Current:	1 Amps (100kHz 85C), 13 Amps (Peak)
Inductance:	9 nH