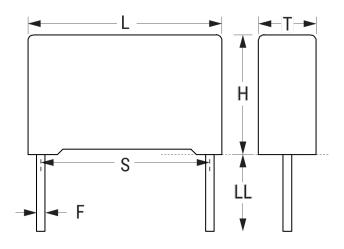


## R746F0680AA00K

Aliases (746F0680AA00K) Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 680 pF, 10%, 2000 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

Dimensions	
L	13mm +0.2/-0.5mm
н	9mm +0.1/-0.5mm
т	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	2000	

General Information	
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	0.71 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications	
Capacitance	680 pF
Capacitance Tolerance	10%
Voltage AC	600 VAC
Voltage DC	2000 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	10000 V/us
Resistance	936.2 mOhms (100kHz)
Ripple Current	0.3 Amps (100kHz 85C), 7 Amps (Peak)
Inductance	9 nH

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