

KEMET Part Number: A50DQ4680AA60K
(50DQ4680AA60K)

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A50, Film, Metallized Polyester, Automotive Grade, 6.8 uF, 10%, 40 VAC, 63 VDC, 85°C



General Information	
Series:	A50
Dielectric:	Metallized Polyester
Style:	Axial
Features:	Automotive Grade
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 190

Dimensions	
D	11mm MAX
L	28mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	500

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage AC:	40 VAC
Voltage DC:	63 VDC, 47.25 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz
Insulation Resistance:	147.1 MOhms
Max dV/dt:	1.5 V/us
Inductance:	7 nH

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