

## A50DQ44702660M

Aliases (50DQ44702660M)

A50, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 20%, 63 VDC, 40 VAC, 85°C

### FRONT VIEW



### SIDE VIEW



Click [here](#) for the 3D model.

### General Information

Series	A50
Dielectric	Metallized Polyester
Style	Axial
Features	Automotive Grade
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	2.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 190.

### Dimensions

D	9.5mm MAX
L	28mm MAX
LL	20mm MIN
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	600

### Specifications

Capacitance	4.7 uF
Tolerance	20%
Voltage DC	63 VDC, 47.25 VDC (105C)
Voltage AC	40 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	212.8 MOhms
Max dV/dt	1.5 V/us
Inductance	7 nH

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