

## A50CK51002600M

Aliases (50CK51002600M)

A50, Film, Metallized Polyester, Automotive Grade, 10 uF, 20%, 50 VDC, 30 VAC, 85°C



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
Typical Component Weight	2.5 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 200.

### Dimensions

D	12mm MAX
L	20.5mm MAX
LL	20mm MIN
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	400

### Specifications

Capacitance	10 uF
Tolerance	20%
Voltage DC	50 VDC, 37.5 VDC (105C)
Voltage AC	30 VAC
Temperature Range	-55/ +105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	100 MOhms
Max dV/dt	2 V/us
Inductance	7 nH

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