

A50CK44702600K

Aliases (50CK44702600K)

A50, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 10%, 30 VAC, 50 VDC, 85°C



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Dimensions	
D	8.5mm MAX
L	20.5mm MAX
LL	20mm MIN
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	800

General Information	
Series	A50
Dielectric	Metallized Polyester
Style	Axial
Features	Automotive Grade
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.1g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 200.

Specifications	
Capacitance	4.7 uF
Capacitance Tolerance	10%
Voltage AC	30 VAC
Voltage DC	50 VDC, 37.5 VDC (105C)
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	2 V/us
Inductance	7 nH