

A50IT4470AA60J

Aliases (50IT4470AA60J)

A50, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 5%, 160 VAC, 250 VDC, 85°C



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Dimensions	
D	15.5mm MAX
L	33mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	200

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	5.2 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 1300.

Specifications	
Capacitance	4.7 uF
Capacitance Tolerance	5%
Voltage AC	160 VAC
Voltage DC	250 VDC, 187.5 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	2.1277 GOhms
Max dV/dt	2.5 V/us
Inductance	7 nH

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