

A50IQ4150AA60K

Aliases (50IQ4150AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 10%, 250 VDC, 160 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 = 2000.

Specifications

Capacitance	1.5 uF
Tolerance	10%
Voltage DC	250 VDC, 187.5 VDC (105C)
Voltage AC	160 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	6.6667 GOhms
Max dV/dt	4 V/us
Inductance	7 nH

Dimensions

D	10mm MAX
L	28mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.