

A50IH31502660J

Aliases (50IH31502660J)

A50, Film, Metallized Polyester, Automotive Grade, 0.15 uF, 5%, 160 VAC, 250 VDC, 85 $^\circ\mathrm{C}$

SIDE VIEW



Click here for the 3D model.

Dimensions	
D	5.5mm MAX
L	14mm MAX
LL	20mm MIN
F	0.6mm +/-0.05mm

Packaging Specifications	/
Packaging	T&R
Packaging Quantity	1300

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	0.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 5000.

Specifications		
Capacitance	0.15 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	30 GOhms	
Max dV/dt	10 V/us	
Inductance	7 nH	

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