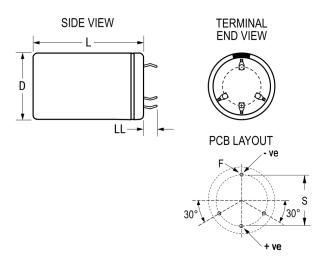


ALC70E301DD500

Aliases (A546EF301M500E)

ALC70, Aluminum Electrolytic, 300 uF, 20%, 500 VDC, -40/+85°C



Click here for the 3D model.

Dimensions	
D	35mm +1mm
L	40mm +/-2mm
S	22.5mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Bag

General Information		
Series	ALC70	
Dielectric	Aluminum Electrolytic	
Description	Snap-In, Aluminum Electrolytic	
RoHS	Yes	
Lead	4 Pin Short	
AEC-Q200	No	
Halogen Free	Yes	
Component Weight	65 g	
Notes	Dimensions D And L Include Sleeving.	
Shelf Life	156 Weeks	

Specifications	
Capacitance	300 uF
Capacitance Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage at 85C)
Resistance	673.8 mOhms (100Hz 20C), 478.2 mOhms (10kHz 20C)
Ripple Current	1.973 Amps (100Hz 85C), 4.152 Amps (10kHz 85C)
Leakage Current	900 uA (5min 20°C)

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.