KEMET Part Number: ALC10A680BC500



ALC10, Aluminum Electrolytic, 68 uF, 20%, 500 VDC, -40/+85°C



General Information		
Series:	ALC10	
Dielectric:	Aluminum Electrolytic	
Description:	Snap-In, Aluminum Electrolytic	
RoHS:	Yes	
Lead:	2 Pin	
AEC-Q200:	No	
Component Weight:	30 g	
Notes:	Dimensions D And L Include Sleeving.	
Shelf Life:	156 Weeks	

Dimensions		
D	25mm +1mm	
L	35mm +/-2mm	
S	10mm +/-0.1mm	
LL	6.3mm +/-1mm	
F	2mm +/-0.1mm	

Packaging Specifications	
Sleeving:	Yes
Packaging:	Bulk, Bag

Specifications	
Capacitance:	68 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	10000 Hrs (Rated Voltage And Ripple Current At 85C), 16000 Hrs (Rated Voltage at 85C)
Resistance:	1816 mOhms (100Hz 20C), 1351 mOhms (10kHz 20C)
Ripple Current:	0.87 Amps (100Hz 85C), 1.7 Amps (10kHz 85C)
Leakage Current:	204 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.



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