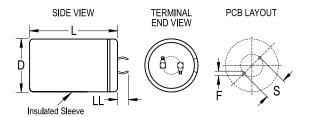
## **KEMET Part Number: ALC10A681EL550**



## Capacitor, aluminum, 680 uF, +/-20% Tol, -40/+85C, 550 VDC@85C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	40	+1	
L	80	+/-2	
S	10	+/-0.1	
LL	6.3	+/-1	
F	2	+/-0.1	

Notes:

-Dimensions D And L Include Sleeving

General Information		
Supplier:	KEMET	
Application:	General Purpose	
Part Type Description:	Snap-In, Aluminum Electrolytic	
Lead Type:	2 Pin	
RoHS:	Yes	

Specifications		
Capacitance:	680 uF	
Voltage:	550 VDC	
Tolerance:	+/-20%	
Voltage:	605 VDC (Surge)	
Rated Temperature:	85C	
Temperature Range:	-40/+85C	
Life:	18000 Hrs (Rated Voltage And Ripple Current At 85C)	
Life:	29000 Hrs (Rated Voltgae At 85C)	
Leakage Current:	2.244 mA	
Leakage Condition:	uAmps (5min 20C)	
Resistance/ESR:	514 mOhms (100Hz 20C)	
Resistance/ESR:	450 mOhms (10kHz 20C)	
Current/Ripple Current:	3.87 Amps (100Hz 85C)	
Current/Ripple Current:	6.18 Amps (10kHz 85C)	

Packaging Specifications		
Package Kind:	Bulk	

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