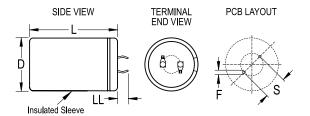
KEMET Part Number: ALC10A820BD550



Capacitor, aluminum, 82 uF, +/-20% Tol, -40/+85C, 550 VDC@85C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	25	+1	
L	40	+/-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:	82 uF	
Voltage:	550 VDC	
Tolerance:	+/-20%	
Voltage:	605 VDC (Surge)	
Rated Temperature:	85C	
Temperature Range:	-40/+85C	
Life:	10000 Hrs (Rated Voltage And Ripple Current At 85C)	
Life:	16000 Hrs (Rated Voltgae At 85C)	
Leakage Current:	270.6 uA	
Leakage Condition:	uAmps (5min 20C)	
Resistance/ESR:	4178 mOhms (100Hz 20C)	
Resistance/ESR:	3640 mOhms (10kHz 20C)	
Current/Ripple Current:	0.87 Amps (100Hz 85C)	
Current/Ripple Current:	1.46 Amps (10kHz 85C)	

Packaging Specifications		
Package Kind:	Bulk	

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.

