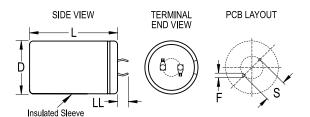
## **KEMET Part Number: ALC10A820BD550**



## Aluminum Electrolytic, 85C, ALC10, 82 uF, 20%, 550 V, -40/+85C



General Information	
Dielectric:	Aluminum Electrolytic
Series:	ALC10
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin
Notes:	Dimensions D And L Include Sleeving

Dimensions	
D	25mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleeving:	Yes
Packaging:	Bulk

Specifications	
Capacitance:	82 uF
Capacitance Tolerance:	20%
Voltage DC:	550 VDC, 605 VDC (Surge)
Temperature Range:	-40/+85C
Rated Temperature:	85C
Life:	10000 Hrs (Rated Voltage And Ripple Current At 85C), 16000 Hrs (Rated Voltgae At 85C)
Resistance:	4178 mOhms (100Hz 20C), 3640 mOhms (10kHz 20C)
Current:	0.87 Amps (100Hz 85C), 1.46 Amps (10kHz 85C)
Leakage:	270.6 uAmps (5min 20C)

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.

