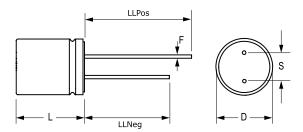
## **KEMET Part Number: A758KK827M0EAAE015**



## Capacitor, Aluminum, 820 uF, +/-20% Tol, -55/+105C, 2.5 VDC@105C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	8	+/-0.5	
L	8	+/-1	
S	3.5	+/-0.5	
LLPos	19	MIN	
LLNeg	15	MIN	
F	0.6	+/-0.5	

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Bag	

General Information		
Supplier:	KEMET	
Application:	105C Polymer	
Part Type Description:	Single Ended, Polymer Aluminum	
Lead Type:	Wire Leads	
RoHS:	Yes	

Specifications		
Capacitance:	820 uF	
Voltage:	2.5 VDC	
Tolerance:	+/-20%	
Voltage:	2.9 VDC (Surge)	
Life:	5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)	
Rated Temperature:	105C	
Temperature Range:	-55/+105C	
Leakage Current:	307.5 uA	
Leakage Condition:	uAmps (2min 20C)	
Dissipation Factor:	10%	
Impedance Ratio -25C:	1.25	
Impedance Ratio -55C:	1.25	
Resistance/ESR:	15 mOhms (100kHz 20C)	
Current/Ripple Current:	4100 mAmps (100kHz 105C)	

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