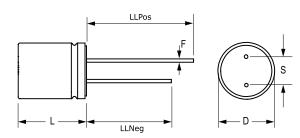
## KEMET Part Number: A758KK827M0JAAE013



## Capacitor, Aluminum, 820 uF, +/-20% Tol, -55/+105C, 6.3 VDC@105C



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

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	

Specifications	
Capacitance:	820 uF
Voltage:	6.3 VDC
Tolerance:	+/-20%
Voltage:	7.2 VDC (Surge)
Life:	5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
Rated Temperature:	105C
Temperature Range:	-55/+105C
Leakage Current:	774.9 uA
Leakage Condition:	uAmps (2min 20C)
Dissipation Factor:	10%
Impedance Ratio -25C:	1.25
Impedance Ratio -55C:	1.25
Resistance/ESR:	13 mOhms (100kHz 20C)
Current/Ripple Current:	4900 mAmps (100kHz 105C)

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